

# INDEX


SHEET NO.	PLAN REFERENCE NO.	TITLE
1	IN1	INDEX SHEET
2	CT1	CERTIFICATION SHEET
3	VM1	VICINITY MAP
4-5	SQ1-SQ2	SUMMARY OF QUANTITIES
6-10	RS1-RS5	ROADWAY SECTIONS
11-14	AL1-AL4	ALIGNMENT PLANS
15-16	RP1-RP2	PATHWAY PROFILES
17-22	ST1-ST6	STAGING PLANS
23	CS1	CLASS A SIGNING PLAN
24	QTSP1	QUANTITY TAB - SITE PREPERATION & TESC
25-27	SP1-SP3	SITE PREPARATION, UTILITY, & TESC PLANS
28	QTPW1	QUANTITY TAB - PATHWAY PLANS
29-31	PW1-PW3	PATHWAY PLANS
32	QTPV1	QUANTITY TAB - PAVING AND PAVEMENT MARKINGS
33-36	PV1-PV4	PAVING AND PAVEMENT MARKINGS
37-39	NA1-NA3	SOIL PREPARATION
40-43	DR1-DR4	DRAINAGE PLANS
44	CRS1	CURB RAMP SCHEDULE
45-47	CR1-CR3	CURB RAMP PLANS
48	CN1	CONSTRUCTION NOTES
49	CN2	WIRING NOTES
50	SG1	HAWK SIGNAL
51	SG2	COMMUNICATIONS PLAN
52	IL1	ILLUMINATION RELOCATION PLAN
53-54	DT1-DT2	SIGNAL STANDARD DETAIL AND WIRE DIAGRAM
55	SN1	SIGN INSTALLATION SPECIFICATIONS
56	SN2	SIGN SPECIFICATION SHEET
57	SN3	SIGNING PLAN
58	SD1	SIGN DETAILS
59-62	TC1-TC4	TRAFFIC CONTROL PLANS
63	TC5	PEDESTRIAN TRAFFIC CONTROL PLAN

## INDEX (CONTINUED)




[illegible]

	PLAN
	REFERENCE
	NO.
	SHEET
	OF
	SHEETS

NOTE: ALL SHEET REFERENCES, FIRST NOS. OF STRUCTURE CODE DESIGNATIONS AND MATCH LINE SHEET REFERENCES, ETC., THROUGHOUT THE PLANS, REFER TO THE ENTRY IN THE PLAN REFERENCE NUMBER BOX.

FILE NAME										G:\44430105-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave\1-CADD-Plans\PS&E Sheets\0_XL6474_IN_CT_VM_RS.dgn																				Plot 1																								
TIME					7:24:52 AM															REGION NO.		STATE		FED.AID PROJ.NO. SRTS-0500(030)																														
DATE					11/18/2022															10		WASH																																
PLOTTED BY					prendet															JOB NUMBER					LOCATION NO.  XL6474																													
DESIGNED BY					T. PRENDERGAST															22X342																																		
ENTERED BY					T. PRENDERGAST															CONTRACT NO.					<div><div></div><div>Washington State Department of Transportation</div></div>																													
CHECKED BY					A. ROMANCHOCK																																																	
PROJ. ENGR.					S. FELL																																																	
REGIONAL ADM.					C. FRANCIS																				SR 500/ NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL										SHEET 1 OF 63 SHEETS																			
										REVISION										DATE										BY										INDEX SHEET														


PROJECT LICENSED PROFESSIONAL CERTIFICATES

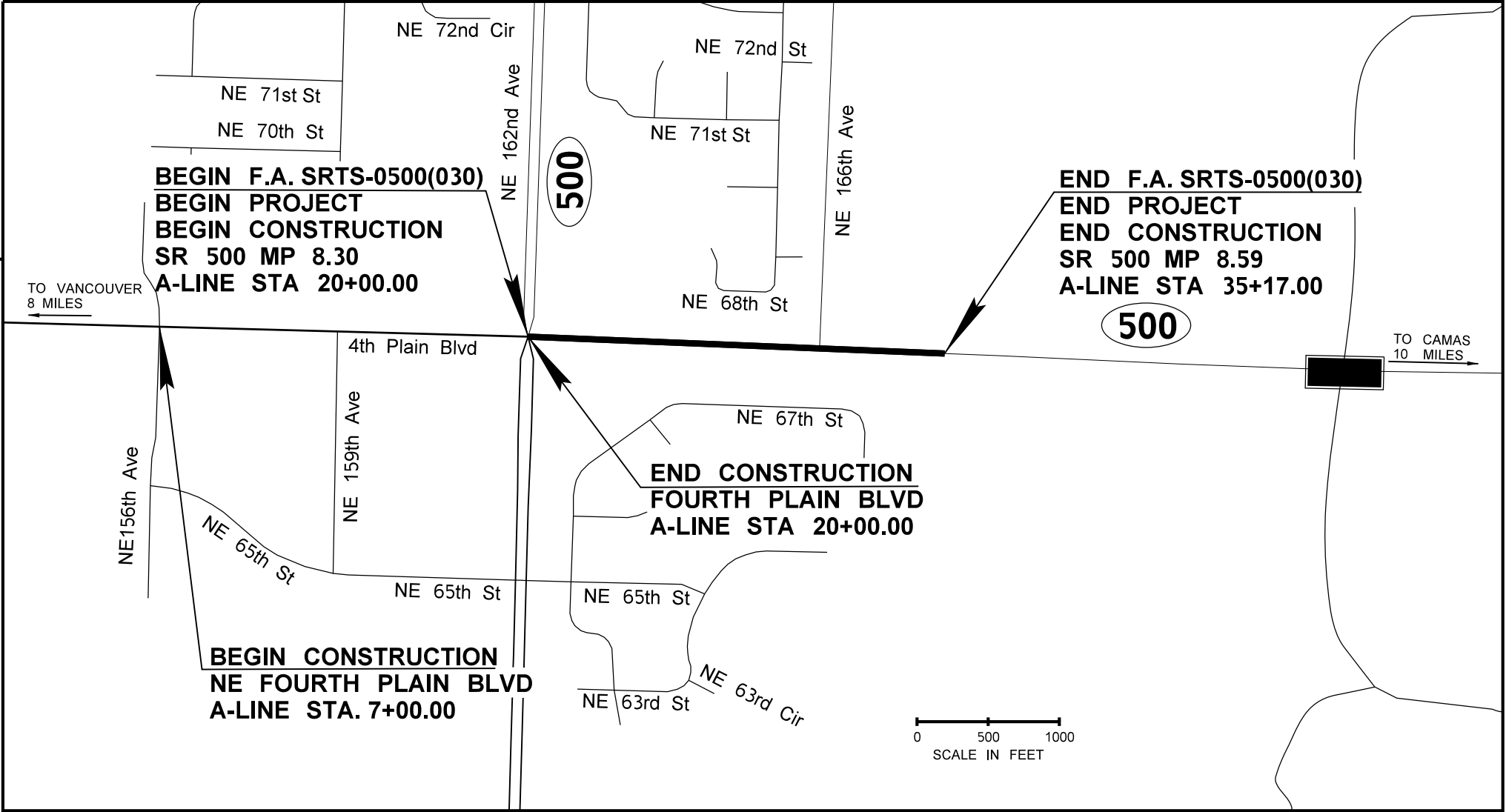
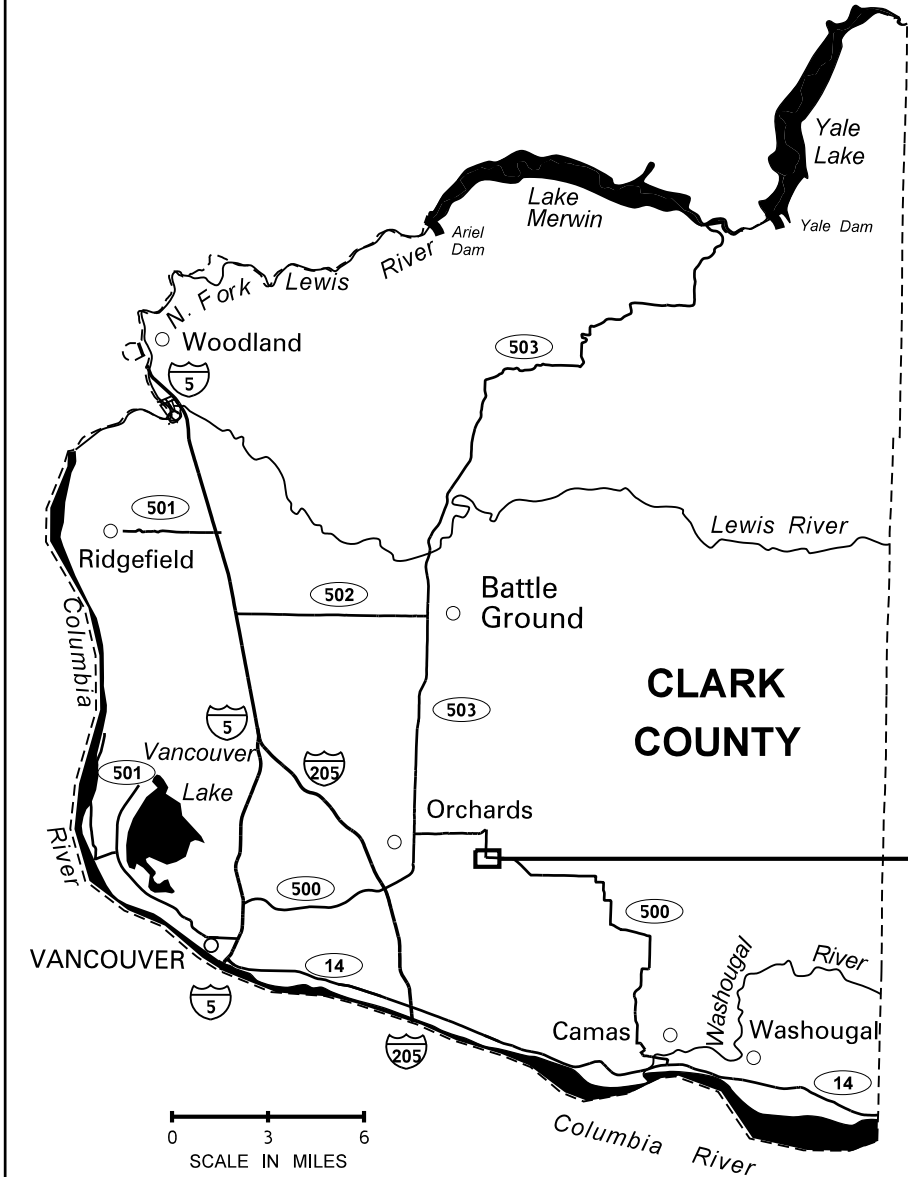
 <b>Susan Fell</b> Nov 29, 2022 AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	 <b>Scott Langer</b> Nov 29, 2022 AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	 <b>Daniel R. Corlett</b> Nov 29, 2022 AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.
AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.
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NOTES:

THIS PLAN SET WAS DEVELOPED ELECTRONICALLY UNDER THE DIRECT SUPERVISION OF THE LICENSED PROFESSIONALS THAT HAVE AFFIXED THEIR SIGNATURE TO THIS PAGE.

THIS SHEET SERVES AS THE CERTIFICATION BY THE ABOVE LICENSED PROFESSIONALS OF ALL SHEETS IN THIS PLAN SET WHERE THEIR STAMPS AND SIGNATURES APPEAR.

FILE NAME G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\0_XL6474_IN_CT_VM_RS.dgn										Plot 2	
TIME 7:25:00 AM					REGION NO. 10	STATE WASH	FED.AID PROJ.NO. SRTS-0500(030)				PLAN REF NO CT1
DATE 11/18/2022					JOB NUMBER 22X342						SHEET 2 OF 63 SHEETS
PLOTTED BY prendet					CONTRACT NO.	LOCATION NO. XL6474			 Washington State Department of Transportation		CERTIFICATION SHEET
DESIGNED BY T. PRENDERGAST											
ENTERED BY T. PRENDERGAST											
CHECKED BY A. ROMANCHOCK											
PROJ. ENGR. S. FELL											
REGIONAL ADM. C. FRANCIS	REVISION	DATE	BY				P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE	



FILE NAME G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\0_XL6474_IN_CT_VM_RS.dgn										Plot 13		
TIME	7:26:02 AM				REGION NO.	STATE	FED.AID PROJ.NO. SRTS-0500(030)			PLAN REF NO		
DATE	11/18/2022				10	WASH				VM1		
PLOTTED BY	prendet				JOB NUMBER 22X342			LOCATION NO.  XL6474			SHEET 3 OF 63 SHEETS	
DESIGNED BY	T. PRENDERGAST											
ENTERED BY	T. PRENDERGAST				CONTRACT NO.			DATE			VICINITY MAP	
CHECKED BY	A. ROMANCHOCK											
PROJ. ENGR.	S. FELL				DATE			DATE				
REGIONAL ADM.	C. FRANCIS											
REVISION			DATE	BY	P.E. STAMP BOX			P.E. STAMP BOX				

SUMMARY OF QUANTITIES

DOT\_RGG900

11/17/2022

ITEM NO	TOTAL QUANTITY	SUB-TOTAL * SECTION I-07.2(1) OF STANDARD SPECS	SUB-TOTAL ** SECTION I-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1  SAFE ROUTE TO SCHOOL	GROUP 2  PAVER ITEMS	GROUP 3  COMMS UPGRADE	GROUP 4  THIRD PARTY DAMAGES										
						PREPARATION														
1	LUMP SUM		LUMP SUM	0001	L.S.	MOBILIZATION	L.S.	L.S.												
2	0.56		0.56	0025	ACRE	CLEARING AND GRUBBING	0.56													
3	2.00		2.00	0049	EACH	REMOVING DRAINAGE STRUCTURE	2.00													
4	156.30		156.30	0100	S.Y.	REMOVING CEMENT CONC. SIDEWALK	53.70	102.60												
5	220.00		220.00	0108	L.F.	REMOVING CEMENT CONC. CURB AND GUTTER	74.00	146.00												
6	234.00		234.00	0140	L.F.	REMOVING ASPHALT CONC. CURB	234.00													
7	4145.00		4145.00	0187	L.F.	REMOVING PAINT LINE		4,145.00												
8	1.00		1.00	0199	EACH	REMOVING PAINTED TRAFFIC MARKING		1.00												
9	280.00		280.00	0203	S.F.	REMOVING PAINTED CROSSWALK LINE		280.00												
						GRADING														
10	555.60		555.60	0310	C.Y.	ROADWAY EXCAVATION INCL. HAUL	555.60													
11	485.90		485.90	0431	TON	GRAVEL BORROW INCL. HAUL	485.90													
						DRAINAGE														
12	48.50		48.50	1086	TON	QUARRY SPALLS	48.50													
13	4.00		4.00	0970	EACH	TAPERED END SECTION WITH TYPE 4 SAFETY BARS 24 IN. DIAM.	4.00													
14	128.00		128.00	1184	L.F.	SCHEDULE A CULV. PIPE 24 IN. DIAM.	128.00													
						STORM SEWER														
15	1.00		1.00	3091	EACH	CATCH BASIN TYPE 1		1.00												
16	35.00		35.00	3151	L.F.	TESTING STORM SEWER PIPE		35.00												
17	35.00		35.00	3541	L.F.	SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.		35.00												
						SURFACING														
18	465.00		465.00	5100	TON	CRUSHED SURFACING BASE COURSE	465.00													
						HOT MIX ASPHALT														
19	3287.00		3287.00	5711	S.Y.	PLANING BITUMINOUS PAVEMENT		3,287.00												
20	424.50		424.50	5766	TON	HMA CL. 3/8 IN. PG 58H-22		424.50												
21	2547.00		2547.00	5830	DOL	JOB MIX COMPLIANCE PRICE ADJUSTMENT		2,547.00												
22	4245.00		4245.00	5835	DOL	COMPACTION PRICE ADJUSTMENT		4,245.00												
23	2812.00		2812.00	5837	DOL	ASPHALT COST PRICE ADJUSTMENT	1,335.00	1,477.00												
24	5.00		5.00	6885	EACH	HMA CORE-ROADWAY		5.00												
25	383.85		383.85	5875	TON	COMMERCIAL HMA	383.85													
						EROSION CONTROL AND ROADSIDE PLANTING														
26	6.00		6.00	6403	DAY	ESC LEAD	6.00													
27	LUMP SUM		LUMP SUM	6488	L.S.	EROSION CONTROL AND WATER POLLUTION PREVENTION	L.S.													
28	1345.00		1345.00	6431	S.Y.	SEEDING, FERTILIZING AND MULCHING	1,345.00													
29	1345.00		1345.00	6391	S.Y.	TOPSOIL TYPE A	1,345.00													
30	379.00		379.00	6630	L.F.	HIGH VISIBILITY FENCE	379.00													
						TRAFFIC														
31	447.30		447.30	6700	L.F.	CEMENT CONC. TRAFFIC CURB AND GUTTER	308.00	139.30												
32	192.00		192.00	6707	L.F.	CEMENT CONC. PEDESTRIAN CURB	192.00													
33	7740.00		7740.00	6807	L.F.	PLASTIC LINE	7,740.00													

GROUP LEGEND	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
	1	500	064005	**	GRANT
	2	500	064005	**	FEDERAL P1, STATE P1
	3	500	0600CT	*	CITY OF VANCOUVER
	4	500	064005	**	STATE P1

			REGION	STATE	FEDERAL AID PROJECT. NO.															
			10	WA	SRTS-0500(030)															
			JOB NUMBER																	
			22X342/5																	
			CONTRACT NO																	
DATE			000000																	
			REVISION	BY																

Washington State  
Department of Transportation

SR 500  
NE FOURTH PLAIN BLVD, 162ND-166TH AVE  
SAFE ROUTE TO SCHOOL

SQ1

SHEET  
4  
OF  
63  
SHEETS

SUMMARY OF QUANTITIES



SUMMARY OF QUANTITIES

DOT\_RGG900

11/17/2022

ITEM NO	TOTAL QUANTITY	SUB-TOTAL * SECTION I-07.2(1) OF STANDARD SPECS	SUB-TOTAL ** SECTION I-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1  SAFE ROUTE TO SCHOOL	GROUP 2  PAVER ITEMS	GROUP 3  COMMS UPGRADE	GROUP 4  THIRD PARTY DAMAGES										
34	40.00		40.00	6808	L.F.	EMBOSSSED PLASTIC LINE	40.00													
35	600.00		600.00	6857	S.F.	PLASTIC CROSSWALK LINE	600.00													
36	102.00		102.00	6859	L.F.	PLASTIC STOP LINE	102.00													
37	8.00		8.00	6833	EACH	PLASTIC TRAFFIC ARROW	8.00													
38	10.00		10.00	6871	EACH	PLASTIC TRAFFIC LETTER	10.00													
39	8.00		8.00	6881	EACH	PLASTIC DRAINAGE MARKING	8.00													
40	1.13		1.13	6884	HUND	RAISED PAVEMENT MARKER TYPE 2	1.13													
41	LUMP SUM		LUMP SUM	6890	L.S.	PERMANENT SIGNING	L.S.													
42	7080.00		7080.00	6895	L.F.	TEMPORARY PAVEMENT MARKING-SHORT DURATION	7,080.00													
43	LUMP SUM		LUMP SUM	6904	L.S.	ILLUMINATION SYSTEM NEW LUMINAIRE	L.S.													
44	LUMP SUM		LUMP SUM	6912	L.S.	TRAFFIC SIGNAL SYSTEM HAWK SIGNAL AT NE 166TH AVE	L.S.													
45	LUMP SUM	LUMP SUM		6912	L.S.	TRAFFIC SIGNAL SYSTEM RADIO COMMUNICATIONS			L.S.											
46	LUMP SUM		LUMP SUM	6971	L.S.	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.													
47	320.00		320.00	6982	S.F.	CONSTRUCTION SIGNS CLASS A	320.00													
48	192.00		192.00	6822	L.F.	PLASTIC CROSSHATCH MARKING	192.00													
49	730.00		730.00	6818	L.F.	PLASTIC WIDE LINE	730.00													
50	96.00		96.00		L.F.	PLASTIC WIDE LINE - OPTICAL 12 INCH WIDE	96.00													
						OTHER ITEMS														
51	32.28		32.28	7006	C.Y.	STRUCTURE EXCAVATION CLASS B INCL. HAUL	27.10	5.18												
52	45.21		45.21	7017	C.Y.	GRAVEL BACKFILL FOR PIPE ZONE BEDDING	35.51	9.70												
53	88.00		88.00		TON	MEDIA FILTER DRAIN MIX	88.00													
54	184.40		184.40		S.Y.	CEMENT CONCRETE CURB RAMP AND SIDEWALK		184.40												
55	78.00		78.00	7054	S.F.	DETECTABLE WARNING SURFACE		78.00												
56	50.00		50.00	7084	L.F.	CHAIN LINK FENCE TYPE 4	50.00													
57	85.31		85.31	7150	C.Y.	GABION CRIBBING	85.31													
58	1.00		1.00	9602	EACH	ADJUST INLET	1.00													
59	1.00		1.00	7715	DOL	FORCE ACCOUNT UTILITY CONFLICT	1.00													
60	1.00		1.00	7715	DOL	FORCE ACCOUNT SHAFT OBSTRUCTIONS	1.00													
61	25000.00		25000.00	7715	DOL	FORCE ACCOUNT WORK ZONE SAFETY CONTINGENCY	25,000.00													
62	2000.00		2000.00	7480	DOL	ROADSIDE CLEANUP	2,000.00													
63	5.00		5.00	7725	DOL	REIMBURSEMENT FOR THIRD PARTY DAMAGE				5.00										
64	-1.00		-1.00	7728	DOL	MINOR CHANGE	-1.00													
65	1.00		1.00	7732	DOL	AGGREGATE COMPLIANCE PRICE ADJUSTMENT	1.00													
66	LUMP SUM		LUMP SUM	7736	L.S.	SPCC PLAN	L.S.													
67	534.00		534.00	7550	S.Y.	CONSTRUCTION GEOTEXTILE FOR UNDERGROUND DRAINAGE	534.00													

GROUP LEGEND	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
	1	500	064005	**	GRANT
	2	500	064005	**	FEDERAL P1,STATE P1
	3	500	0600CT	*	CITY OF VANCOUVER
	4	500	064005	**	STATE P1

			REGION	STATE	FEDERAL AID PROJECT. NO.															
			10	WA	SRTS-0500(030)															
			JOB NUMBER																	
			22X342/5																	
			CONTRACT NO																	
DATE			000000																	
		REVISION	BY																	

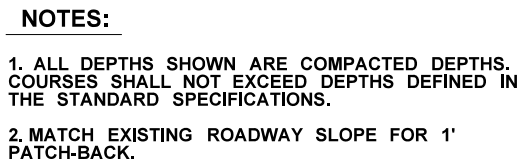
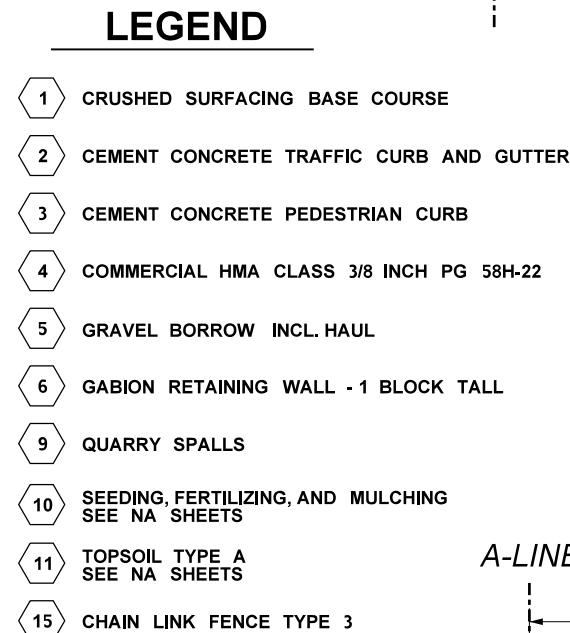
Washington State  
Department of Transportation


SR 500  
NE FOURTH PLAIN BLVD, 162ND-166TH AVE  
SAFE ROUTE TO SCHOOL

SUMMARY OF QUANTITIES

SQ2

SHEET  
5  
OF  
63  
SHEETS



FILE NAME										G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\0_XL6474_IN_CT_VM_RS.dgn										Plot 4																													
TIME										7:25:10 AM										PLAN REF NO																													
DATE										11/18/2022										RS1																													
PLOTTED BY										prendet										<div><div>SEE SHEET CT1 DATE _____</div><div>P.E. STAMP BOX _____</div></div>																													
DESIGNED BY										T. PRENDERGAST																																							
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CHECKED BY										A. ROMANCHOCK																																							
PROJ. ENGR.										S. FELL																																							
REGIONAL ADM.										C. FRANCIS										REVISION										DATE										BY									
REGION NO.										STATE										FED.AID PROJ.NO.										SRTS-0500(030)																			
10										WASH										JOB NUMBER										22X342																			
CONTRACT NO.										LOCATION NO.										XL6474										SEE SHEET CT1 DATE _____										P.E. STAMP BOX _____									
Washington State Department of Transportation										SR 500/ NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL										ROADWAY SECTIONS										SHEET 6 OF 63 SHEETS																			




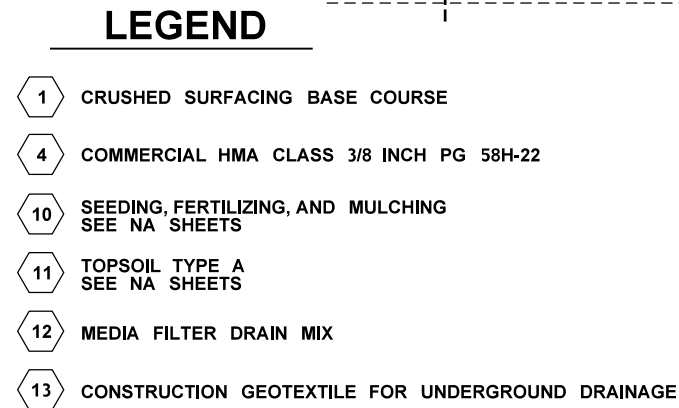
- ## SECTION C - SHARED USE PATH

[illegible]

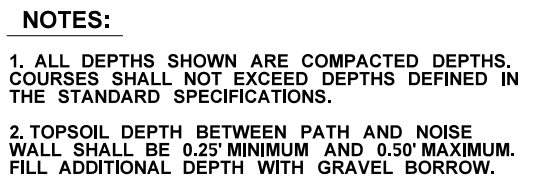
## SECTION D - SHARED USE PATH

**NOTES:**

- |                  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |
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| FILE NAME        |  |  |  |  |  |  |  |  |  | G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\0_XL6474_IN_CT_VM_RS.dgn |  |  |  |  |  |  |  |  |  | Plot 5  |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |
| TIME             |  |  |  |  |  |  |  |  |  | 7:25:19 AM  |  |  |  |  |  |  |  |  |  | PLAN REF NO   |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |
| DATE             |  |  |  |  |  |  |  |  |  | 11/18/2022  |  |  |  |  |  |  |  |  |  | RS2   |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |
| PLOTTED BY       |  |  |  |  |  |  |  |  |  | prendet   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |
| DESIGNED BY      |  |  |  |  |  |  |  |  |  | T. PRENDERGAST  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |
| ENTERED BY       |  |  |  |  |  |  |  |  |  | T. PRENDERGAST  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |
| CHECKED BY       |  |  |  |  |  |  |  |  |  | A. ROMANCHOCK   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |
| PROJ. ENGR.      |  |  |  |  |  |  |  |  |  | S. FELL   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |
| REGIONAL ADM.    |  |  |  |  |  |  |  |  |  | C. FRANCIS  |  |  |  |  |  |  |  |  |  | REVISION  |  |  |  |  |  |  |  |  |  | DATE                 |  |  |  |  |  |  |  |  |  | BY            |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |
| REGION NO.       |  |  |  |  |  |  |  |  |  | STATE   |  |  |  |  |  |  |  |  |  | FED.AID PROJ.NO.  |  |  |  |  |  |  |  |  |  | SRTS-0500(030)       |  |  |  |  |  |  |  |  |  | SEE SHEET CT1 |  |  |  |  |  |  |  |  |  | DATE         |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |
| 10               |  |  |  |  |  |  |  |  |  | WASH  |  |  |  |  |  |  |  |  |  | JOB NUMBER  |  |  |  |  |  |  |  |  |  | 22X342               |  |  |  |  |  |  |  |  |  | CONTRACT NO.  |  |  |  |  |  |  |  |  |  | LOCATION NO. |  |  |  |  |  |  |  |  |  | XL6474 |  |  |  |  |  |  |  |  |  | P.E. STAMP BOX |  |  |  |  |  |  |  |  |  | DATE |  |  |  |  |  |  |  |  |  |
| ROADWAY SECTIONS |  |  |  |  |  |  |  |  |  | SR 500/NE FOURTH PLAIN BLVD<br>NE 162ND AVE TO NE 166TH AVE<br>SAFE ROUTE TO SCHOOL   |  |  |  |  |  |  |  |  |  | ROADWAY SECTIONS  |  |  |  |  |  |  |  |  |  | SHEET 7 OF 63 SHEETS |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |




B-LINE STA. 48+36 TO STA. 48+99  
B-LINE STA. 49+18 TO STA. 49+68




B-LINE STA. 48+99 TO STA. 49+18  
B-LINE STA. 49+68 TO STA. 50+38

FILE NAME		G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave\1-CADD-Plans\PS&E Sheets\0_XL6474_IN_CT_VM_RS.dgn										Plot 6	
TIME		7:25:29 AM						REGION NO.		STATE		FED.AID PROJ.NO.	
DATE		11/18/2022						10		WASH		SRTS-0500(030)	
PLOTTED BY		prendet						JOB NUMBER					
DESIGNED BY		T. PRENDERGAST						22X342					
ENTERED BY		T. PRENDERGAST						CONTRACT NO.				LOCATION NO.	
CHECKED BY		A. ROMANCHOCK										XL6474	
PROJ. ENGR.		S. FELL											
REGIONAL ADM.		C. FRANCIS		REVISION		DATE		BY					



SEE SHEET CT1  
DATE \_\_\_\_\_

P.E. STAMP BOX



Washington State  
Department of Transportation

DATE \_\_\_\_\_

P.E. STAMP BOX

SR 500/NE FOURTH PLAIN BLVD  
NE 162ND AVE TO NE 166TH AVE  
SAFE ROUTE TO SCHOOL

ROADWAY SECTIONS



PLAN REF NO  
**RS3**

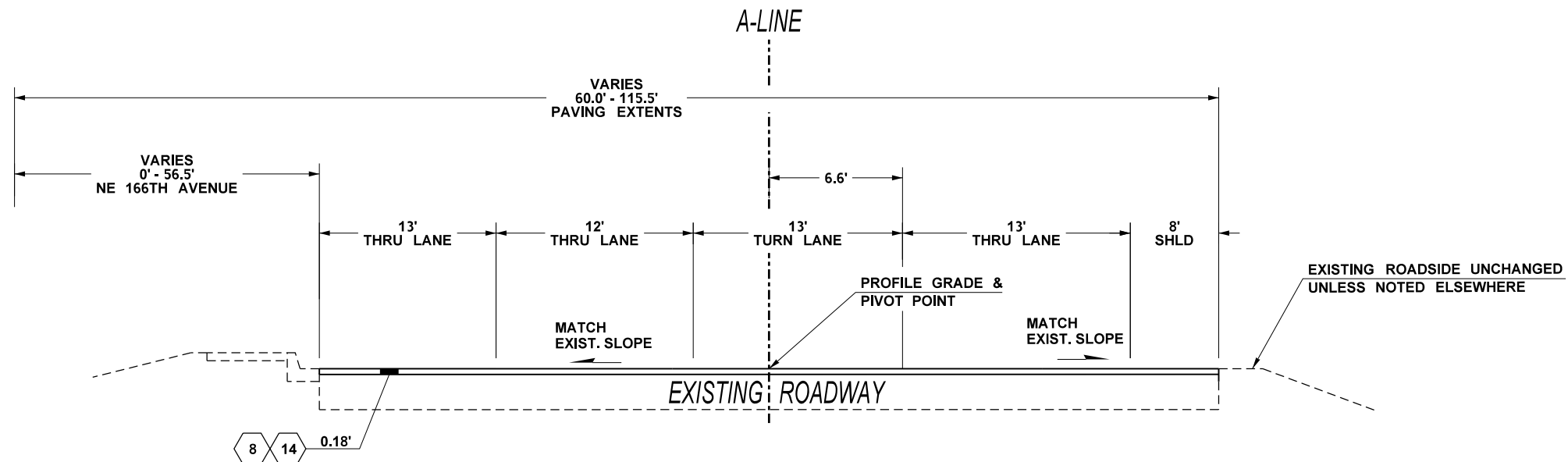
SHEET  
8  
OF  
63  
SHEETS



- ## SECTION G - SHARED USE PATH

## SECTION H - PAVED DRIVEWAY

FILE NAME G:\444301105-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\0_XL6474_IN_CT_VM_RS.dgn										Plot 7					
TIME 7:25:38 AM						REGION NO. STATE		FED.AID PROJ.NO. SRTS-0500(030)				 <b>Washington State</b> <b>Department of Transportation</b>		PLAN REF NO	
DATE 11/18/2022						10 WASH								RS4	
PLOTTED BY prenet						JOB NUMBER		LOCATION NO.  <b>XL6474</b>		SEE SHEET CT1 DATE _____ P.E. STAMP BOX _____		DATE _____ P.E. STAMP BOX _____		SR 500/NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL  <b>ROADWAY SECTIONS</b>	
DESIGNED BY T. PRENDERGAST						22X342									
ENTERED BY T. PRENDERGAST						CONTRACT NO.									
CHECKED BY A. ROMANCHOCK															
PROJ. ENGR. S. FELL															
REGIONAL ADM. C. FRANCIS															
		REVISION		DATE		BY									

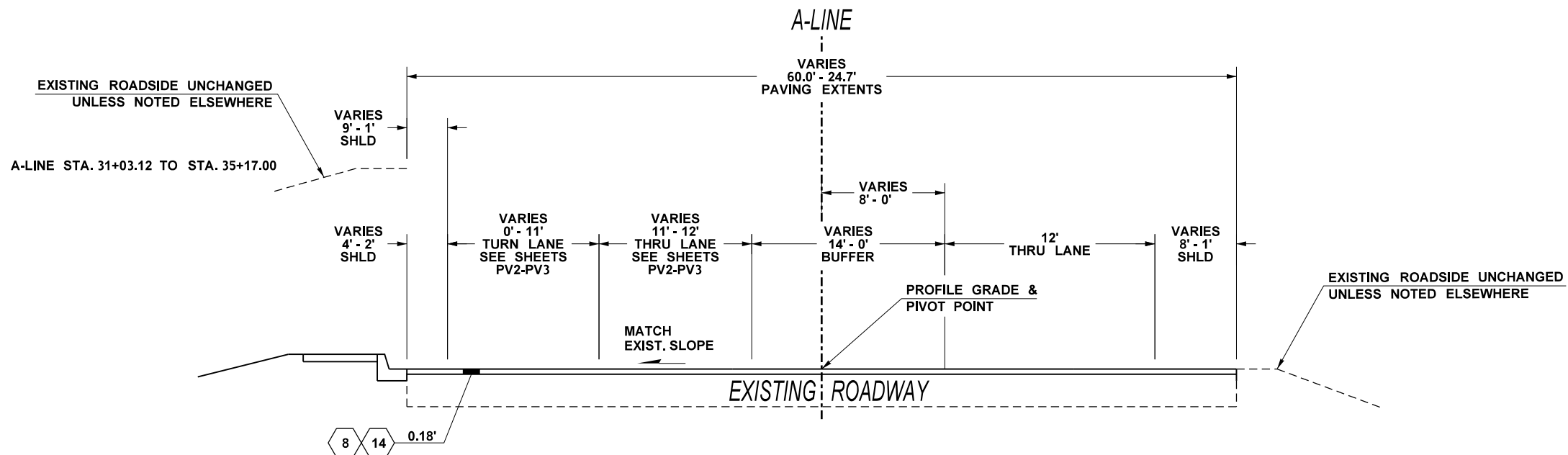


## LEGEND

- 8 HMA CL. 3/8 INCH PG 58H-22
- 14 PLANING BITUMINOUS PAVEMENT

## ROADWAY SECTION J - GRIND AND INLAY

A-LINE STA. 29+56 TO STA. 30+67





## ROADWAY SECTION K - GRIND AND INLAY

A-LINE STA. 30+67 TO STA. 35+17

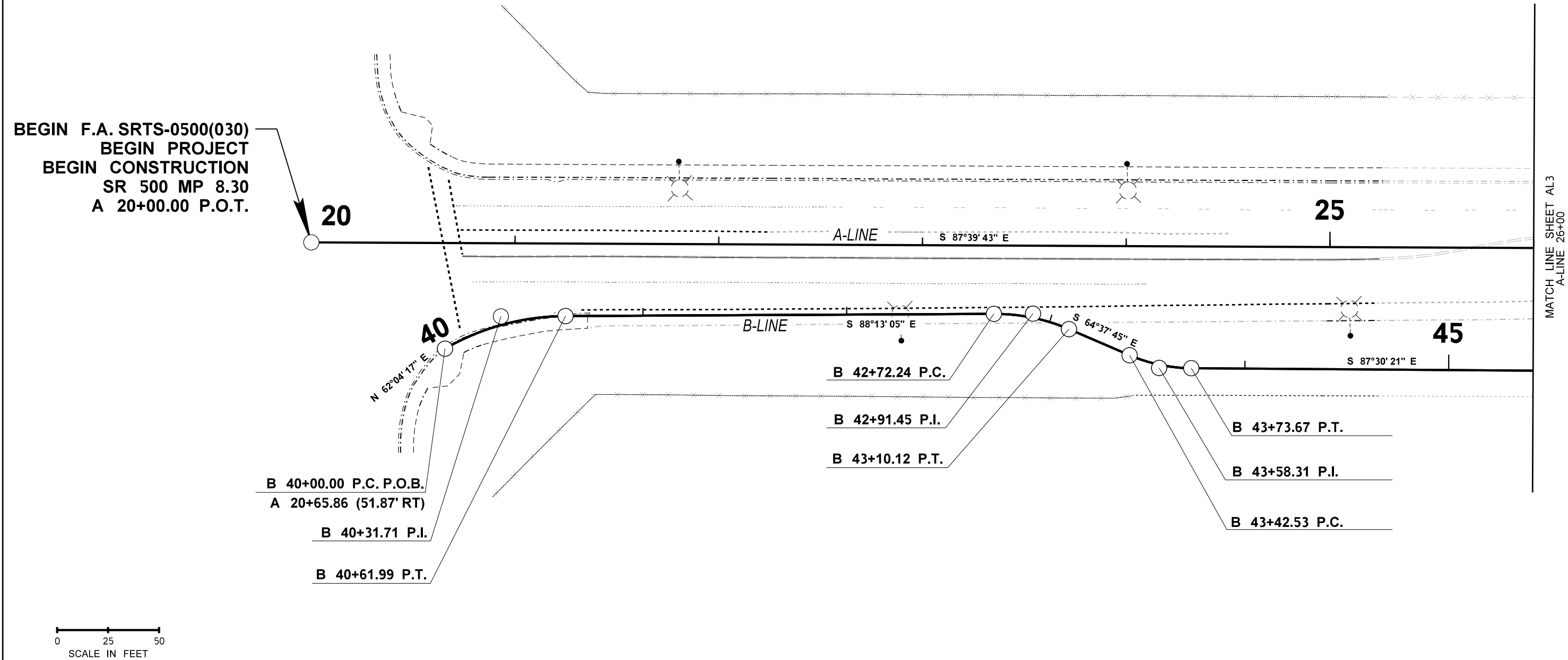
### NOTES:



1. ALL DEPTHS SHOWN ARE  
COMPACTED DEPTHS.  
COURSES SHALL NOT EXCEED  
DEPTHS DEFINED IN THE  
STANDARD SPECIFICATIONS.

FILE NAME	G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\0_XL6474_IN_CT_VM_RS.dgn										Plot 8				
TIME	7:25:49 AM					REGION NO.	STATE	FED.AID PROJ.NO.					 Washington State Department of Transportation	SR 500/ NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL	SHEET 10 OF 63 SHEETS
DATE	11/18/2022					10	WASH	SRTS-0500(030)							
PLOTTED BY	prendet														
DESIGNED BY	T. PRENDERGAST														
ENTERED BY	T. PRENDERGAST					JOB NUMBER		22X342							
CHECKED BY	A. ROMANCHOCK					CONTRACT NO.		LOCATION NO.							
PROJ. ENGR.	S. FELL							XL6474							
REGIONAL ADM.	C. FRANCIS														
			REVISION		DATE	BY									
														SEE SHEET CT1 DATE	DATE
														P.E. STAMP BOX	P.E. STAMP BOX

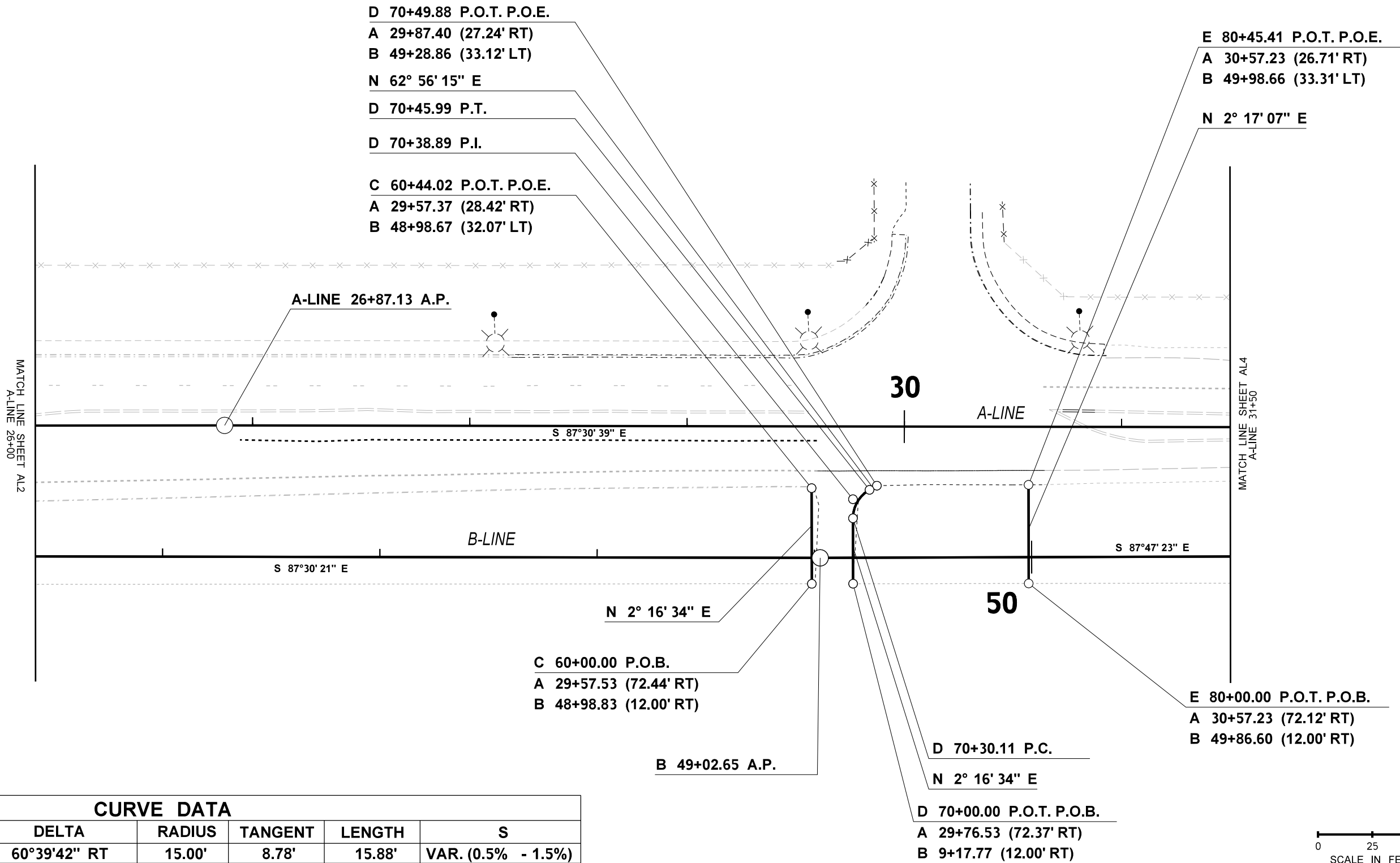


CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
B-LINE 40+31.71	29°42'38" RT	119.54'	31.71'	62.00'	1.5%
B-LINE 42+91.45	23°35'21" RT	92.00'	19.21'	37.88'	1.5%
B-LINE 43+58.31	22°52'36" LT	78.00'	15.78'	31.14'	1.5%



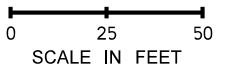
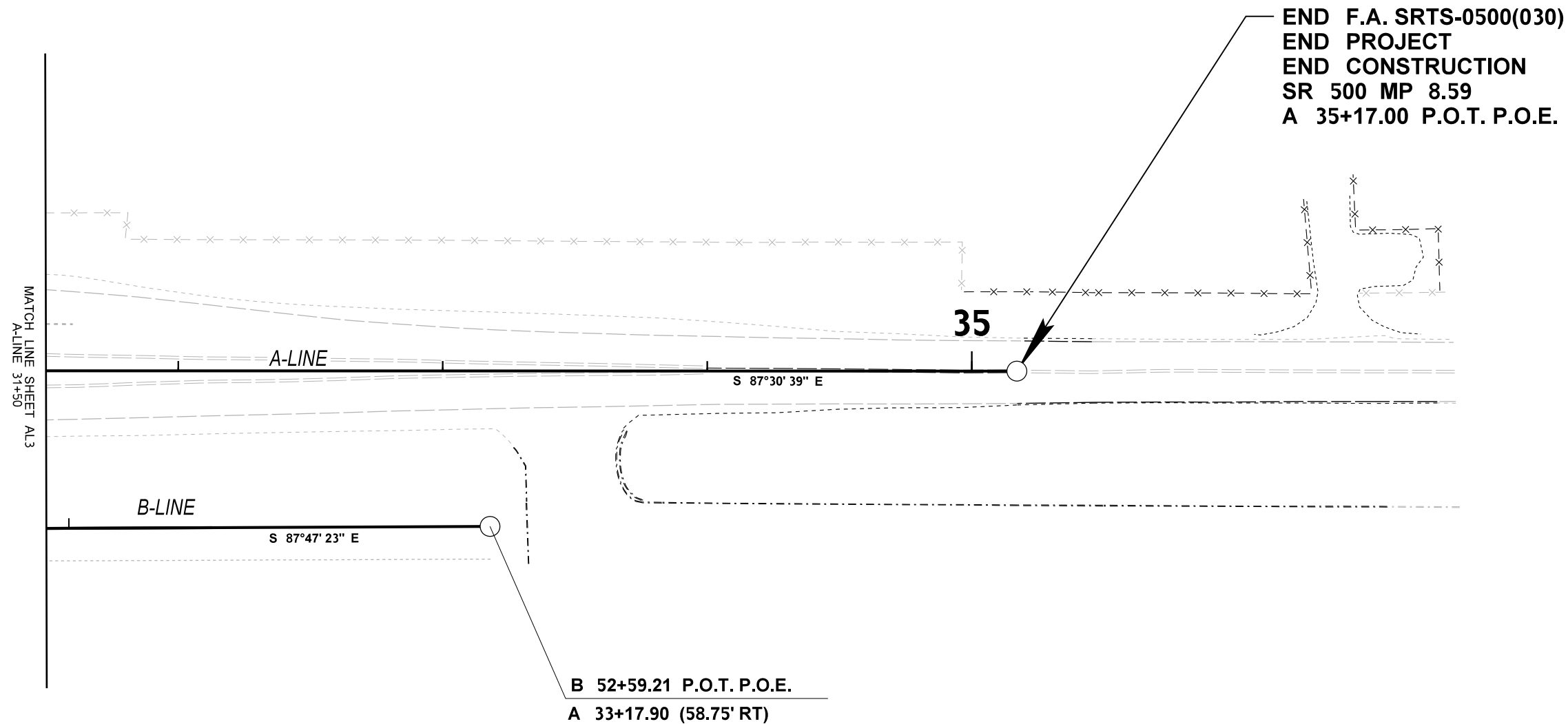
FILE NAME		G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\1_XL6474_PS_AL.dgn		FED.AID PROJ.NO. SRTS-0500(030)				SR 500/ NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL	ALIGNMENT PLANS	Plot 2 PLAN REF NO <b>AL2</b> SHEET <b>12</b> OF <b>63</b> SHEETS
TIME	7:27:23 AM									
DATE	11/18/2022			REGION NO. <b>10</b>	STATE <b>WASH</b>	SEE SHEET CT1 DATE	DATE			
PLOTTED BY	prendet			JOB NUMBER <b>22X342</b>	CONTRACT NO.					
DESIGNED BY	T. PRENDERGAST			LOCATION NO. <b>XL6474</b>		P.E. STAMP BOX	DATE			
ENTERED BY	T. PRENDERGAST									
CHECKED BY	A. ROMANCHOCK					P.E. STAMP BOX	DATE			
PROJ. ENGR.	S. FELL									
REGIONAL ADM.	C. FRANCIS	REVISION	DATE	BY						





CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
D-LINE 70+38.89	60°39'42" RT	15.00'	8.78'	15.88'	VAR. (0.5% - 1.5%)

FILE NAME G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\1_XL6474_PS_AL.dgn										Plot 3	
TIME	7:27:34 AM					REGION NO.	STATE	FED.AID PROJ.NO. SRTS-0500(030)			PLAN REF NO
DATE	11/18/2022					10	WASH				AL3
PLOTTED BY	prendet					JOB NUMBER					SHEET
DESIGNED BY	T. PRENDERGAST					22X342					13
ENTERED BY	T. PRENDERGAST										
CHECKED BY	A. ROMANCHOCK					CONTRACT NO.		LOCATION NO.			63
PROJ. ENGR.	S. FELL							XL6474			SHEETS
REGIONAL ADM.	C. FRANCIS										
	REVISION										
							</				



FILE NAME G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\1_XL6474_PS_AL.dgn										Plot 4	
TIME	7:27:44 AM					REGION NO.	STATE	FED.AID PROJ.NO. SRTS-0500(030)		PLAN REF NO <b>AL4</b>	
DATE	11/18/2022					10	WASH				
PLOTTED BY	prendet					JOB NUMBER		LOCATION NO.  <b>XL6474</b>		ALIGNMENT PLANS	
DESIGNED BY	T. PRENDERGAST					<b>22X342</b>					
ENTERED BY	T. PRENDERGAST					CONTRACT NO.					
CHECKED BY	A. ROMANCHOCK										
PROJ. ENGR.	S. FELL										
REGIONAL ADM.	C. FRANCIS	REVISION	DATE	BY							

SEE SHEET CT1  
DATE

P.E. STAMP BOX

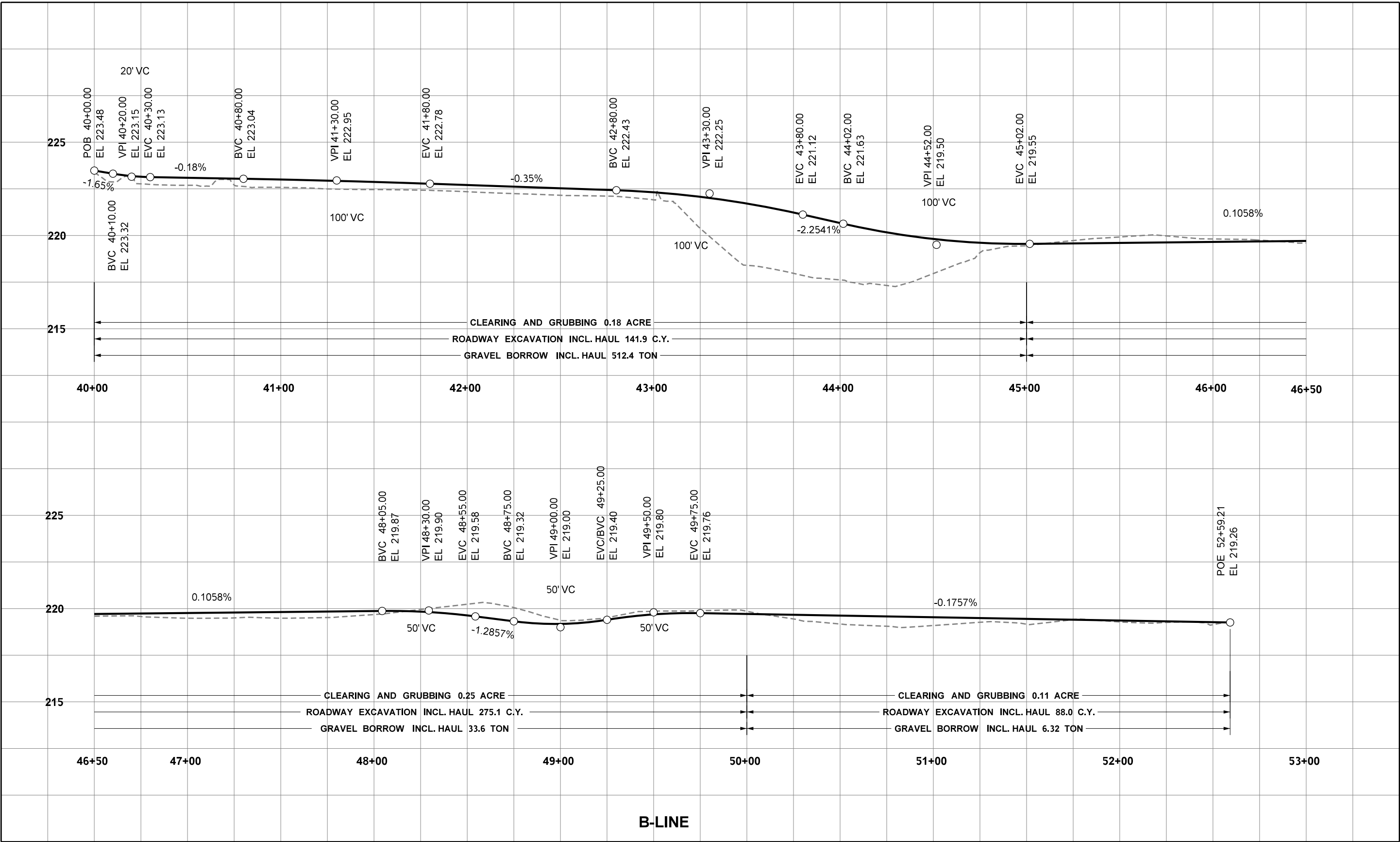
DATE

P.E. STAMP BOX

Washington State  
Department of Transportation

SR 500/ NE FOURTH PLAIN BLVD  
NE 162ND AVE TO NE 166TH AVE  
SAFE ROUTE TO SCHOOL

SHEET  
14  
OF  
63  
SHEETS



B-LINE

FILE NAME				G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\2_XL6474_PS_RP.dgn			
TIME				7:35:31 AM			
DATE				11/18/2022			
PLOTTED BY				prendet			
DESIGNED BY				T. PRENDERGAST			
ENTERED BY				T. PRENDERGAST			
CHECKED BY				A. ROMANCHOCK			
PROJ. ENGR.				S. FELL			
REGIONAL ADM.				C. FRANCIS			
				REVISION			
				DATE			
				BY			
		REGION NO.	STATE	FED.AID PROJ.NO. SRTS-0500(030)			
		10	WASH				
		JOB NUMBER					
		22X342					
		CONTRACT NO.		LOCATION NO. XL6474			



SEE SHEET CT1  
DATE  
P.E. STAMP BOX



DATE  
P.E. STAMP BOX

SR 500/ NE FOURTH PLAIN BLVD  
NE 162ND AVE TO NE 166TH AVE  
SAFE ROUTE TO SCHOOL

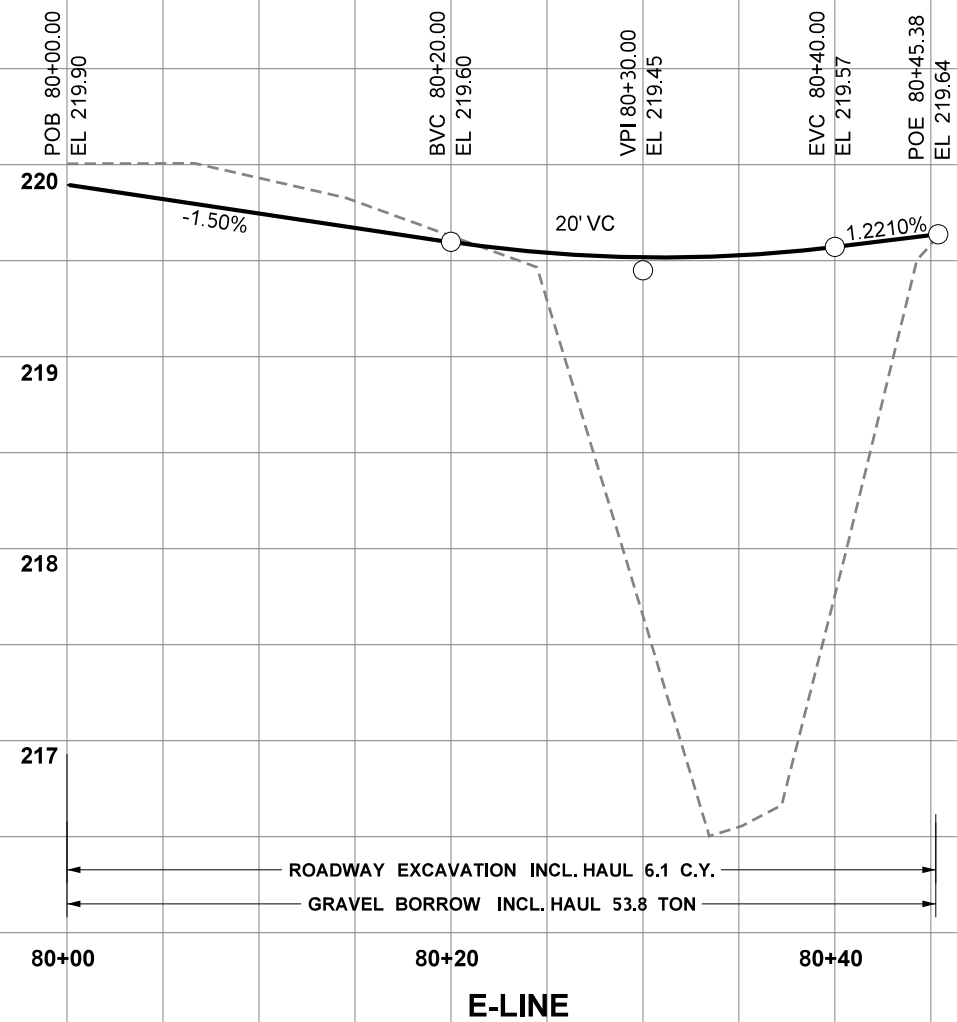
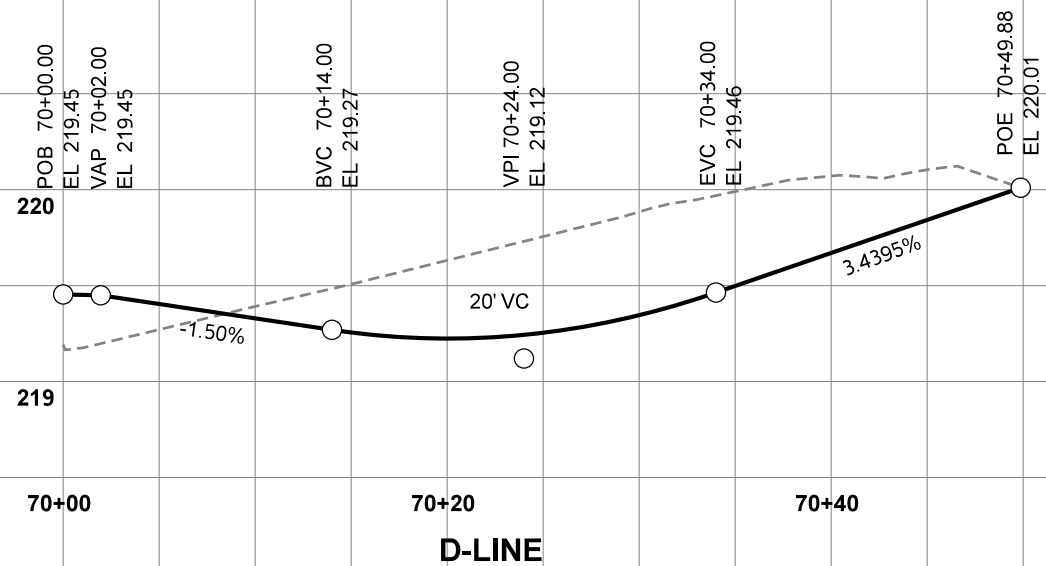
ROADWAY PROFILES

Plot 5

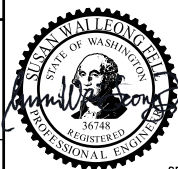
PLAN REF. NO.

RP1

SHEET  
15  
OF  
63  
SHEETS



FILE NAME										G:\44301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\2_XL6474_PS_RP.dgn									
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DATE		11/18/2022										10		WASH					
PLOTTED BY		prendet																	
DESIGNED BY		T. PRENDERGAST																	
ENTERED BY		T. PRENDERGAST												JOB NUMBER		LOCATION NO.  XL6474			
CHECKED BY		A. ROMANCHOCK												22X342					
PROJ. ENGR.		S. FELL												CONTRACT NO.					
REGIONAL ADM.		C. FRANCIS			REVISION			DATE		BY									



SEE SHEET CT1

P.E. STAMP BOX

P.E. STAMP BOX



**Washington State  
Department of Transportation**

SR 500/NE FOURTH PLAIN BLVD  
NE 162ND AVE TO NE 166TH AVE  
SAFE ROUTE TO SCHOOL

## ROADWAY PROFILES

Plot 6

PLAN REF. NO.

RP2

SHEET  
**16**  
OF  
**63**  
SHEETS

1. STAGE 0 WORK SHALL BE DONE FIRST AND IS ANTICIPATED TO BE DONE WITHOUT TRAFFIC CONTROL. TRAFFIC CONTROL PLANS TC1-TC4 SHALL BE UTILIZED WITH ASSOCIATED HOURS RESTRICTIONS, IF NEEDED.

- ## STAGE 1 NOTES

- ## OVERALL STAGING PLAN

## STAGE 2 NOTES

- ## STAGE 3 & 4 NOTES

- ## STAGE 5 NOTES

1. STAGE 5 WORK SHALL BE THE LAST ITEMS TO BE COMPLETED AND SHALL BE ACCOMPLISHED USING TRAFFIC CONTROL PLANS TC2 - TC4.
2. STAGE 5 WORK INCLUDES THE FOLLOWING:
  - GRIND AND INLAY PAVING
  - PERMANENT STRIPING

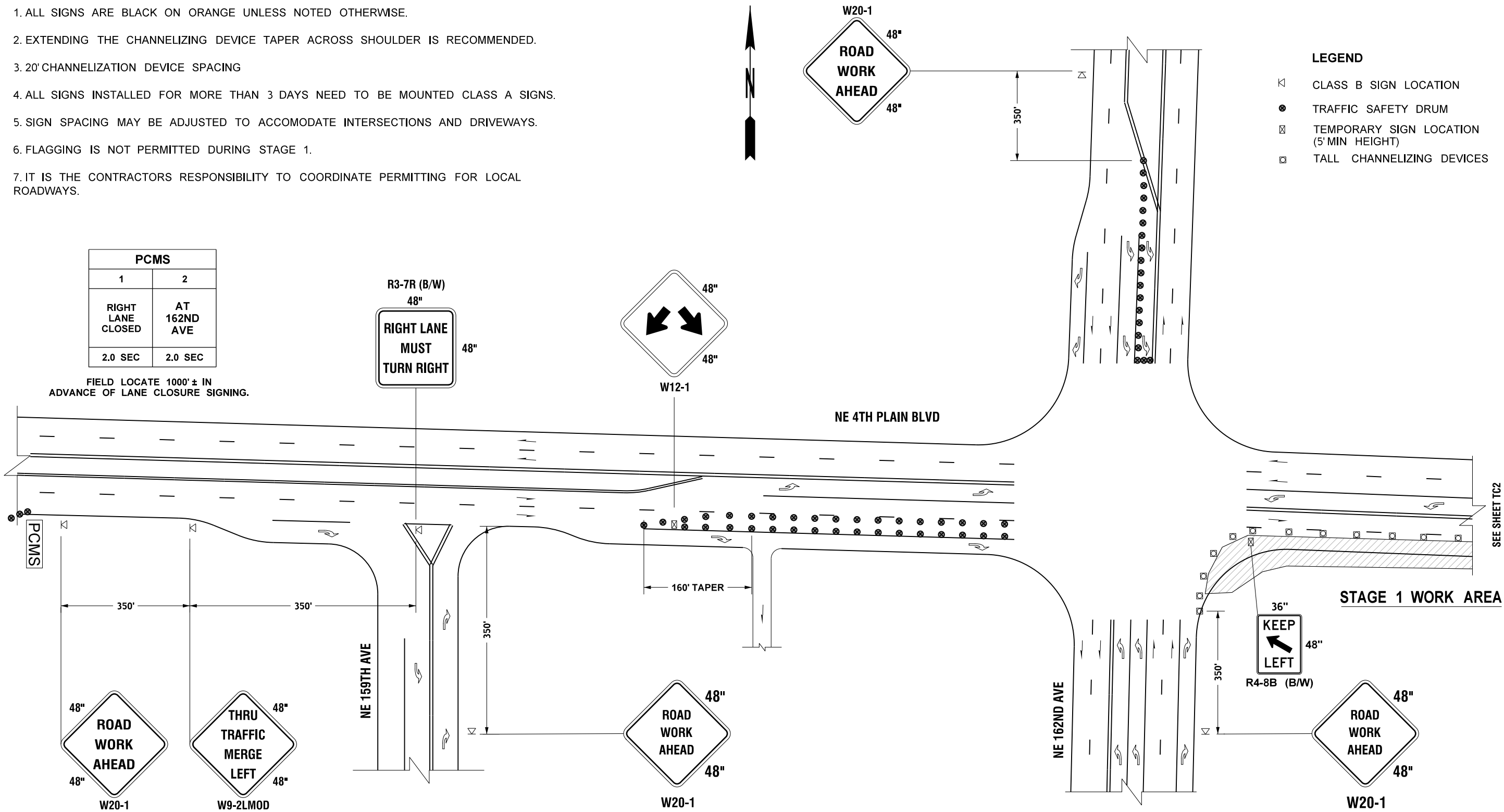
FILE NAME										G:\444301\05-Design\02-Projects\SIR 500 Pathway and Ped Signal_ 162nd ave\1-CADD-Plans\PS&E Sheets\3_XL6474_PS_ST.dgn																				Plot 1	
TIME		7:42:07 AM								REGION NO.		STATE		FED.AID PROJ.NO.						PLAN REF NO											
DATE		11/18/2022								10		WASH		SRTS-0500(030)						ST1											
PLOTTED BY		prendet								JOB NUMBER				LOCATION NO.						SHEET											
DESIGNED BY		T. PRENDERGAST								22X342												17									
ENTERED BY		T. PRENDERGAST								CONTRACT NO.				XL6474						OF											
CHECKED BY		A. ROMANCHOCK																				63									
PROJ. ENGR.		S. FELL																		SHEETS											
REGIONAL ADM.		C. FRANCIS		REVISION		DATE		BY																							

NOTES



- 1. ALL SIGNS ARE BLACK ON ORANGE UNLESS NOTED OTHERWISE.
- 2. EXTENDING THE CHANNELIZING DEVICE TAPER ACROSS SHOULDER IS RECOMMENDED.
- 3. 20' CHANNELIZATION DEVICE SPACING
- 4. ALL SIGNS INSTALLED FOR MORE THAN 3 DAYS NEED TO BE MOUNTED CLASS A SIGNS.
- 5. SIGN SPACING MAY BE ADJUSTED TO ACCOMODATE INTERSECTIONS AND DRIVEWAYS.
- 6. FLAGGING IS NOT PERMITTED DURING STAGE 1.
- 7. IT IS THE CONTRACTORS RESPONSIBILITY TO COORDINATE PERMITTING FOR LOCAL ROADWAYS.

PCMS	
1	2
RIGHT LANE CLOSED	AT 162ND AVE
2.0 SEC	2.0 SEC

FIELD LOCATE 1000' ± IN ADVANCE OF LANE CLOSURE SIGNING.



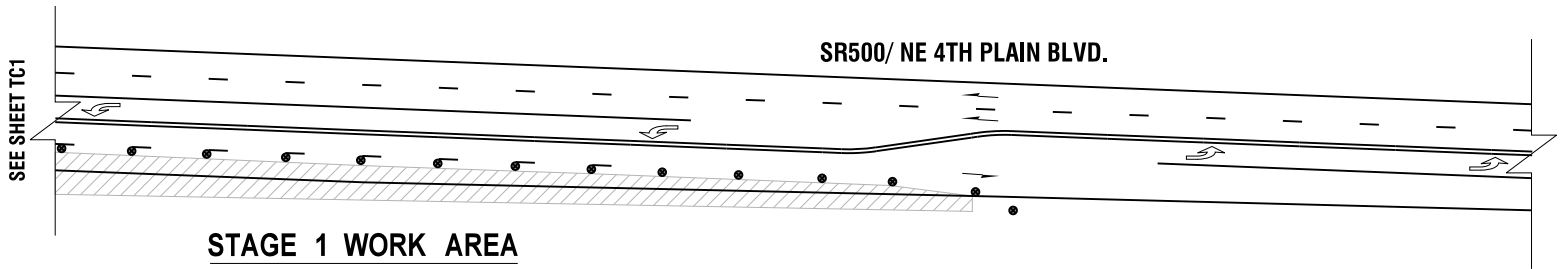
STAGE 1  
SR500 / NE 162ND AVE INTERSECTION STAGING PLAN  
NOT TO SCALE

FILE NAME										G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\3_XL6474_PS_ST.dgn																														Plot 2									
TIME		7:42:17 AM								REGION NO.		STATE		FED.AID PROJ.NO. SRTS-0500(030)																										PLAN REF NO		ST2							
DATE		11/18/2022								10		WASH								JOB NUMBER		LOCATION NO.  XL6474						SEE SHEET CT1		DATE		DATE						SHEET 18 OF 63 SHEETS											
PLOTTED BY		prendet												22X342		CONTRACT NO.		P.E. STAMP BOX		DATE								P.E. STAMP BOX		DATE																			
DESIGNED BY		T. PRENDERGAST																												STAGING PLANS																			
ENTERED BY		T. PRENDERGAST																																															
CHECKED BY		A. ROMANCHOCK																																															
PROJ. ENGR.		S. FELL																																															
REGIONAL ADM.		C. FRANCIS																																															
										REVISION										DATE										BY																			



NOTES



- 1. ALL SIGNS ARE BLACK ON ORANGE UNLESS NOTED OTHERWISE.
- 2. EXTENDING THE CHANNELIZING DEVICE TAPER ACROSS SHOULDER IS RECOMMENDED.
- 3. 20' CHANNELIZATION DEVICE SPACING
- 4. ALL SIGNS INSTALLED FOR MORE THAN 3 DAYS NEED TO BE MOUNTED CLASS A SIGNS.
- 5. SIGN SPACING MAY BE ADJUSTED TO ACCOMODATE INTERSECTIONS AND DRIVEWAYS.



LEGEND

- CLASS A SIGN LOCATION
- TRAFFIC SAFETY DRUM
- TEMPORARY SIGN LOCATION (5' MIN HEIGHT)
- TALL CHANNELIZING DEVICES

STAGE 1  
SR500 / NE 162ND AVE INTERSECTION STAGING PLAN (CONT.)  
NOT TO SCALE

FILE NAME					G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\3_XL6474_PS_ST.dgn					<div></div> <div>SEE SHEET CT1</div> <div>DATE</div> <div>P.E. STAMP BOX</div>		<div></div> <div>Washington State Department of Transportation</div>		Plot 4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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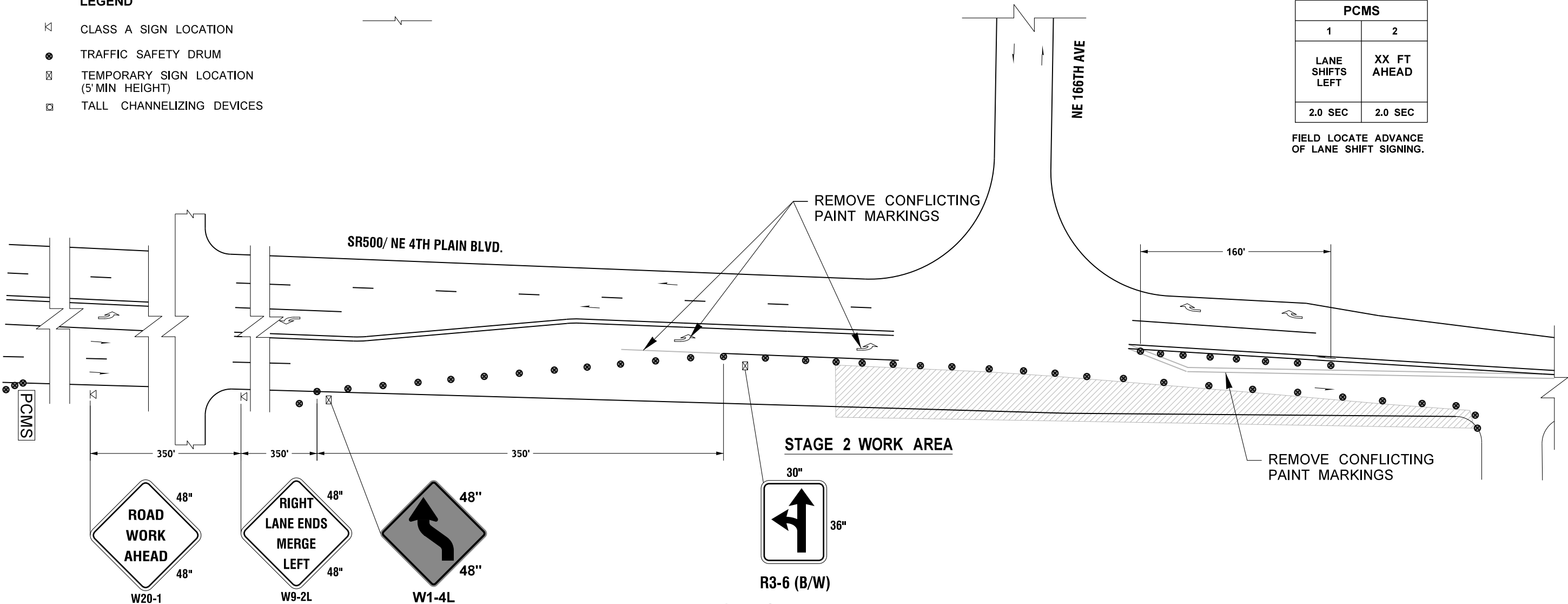
1. ALL SIGNS ARE BLACK ON ORANGE UNLESS NOTED OTHERWISE.
2. EXTENDING THE CHANNELIZING DEVICE TAPER ACROSS SHOULDER IS RECOMMENDED.
3. NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE THE **STANDARD SPECIFICATIONS** FOR ADDITIONAL DETAILS.
4. 20' CHANNELIZATION DEVICE SPACING
5. ALL SIGNS INSTALLED FOR MORE THAN 3 DAYS NEED TO BE MOUNTED CLASS A SIGNS.
6. SIGN SPACING MAY BE ADJUSTED TO ACCOMODATE INTERSECTIONS AND DRIVEWAYS.

LEGEND

- ⏏ CLASS A SIGN LOCATION
- TRAFFIC SAFETY DRUM
- ⊠ TEMPORARY SIGN LOCATION (5' MIN HEIGHT)
- ⊞ TALL CHANNELIZING DEVICES

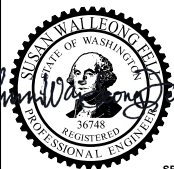
PCMS	
1	2
LANE SHIFTS LEFT	XX FT AHEAD
2.0 SEC	2.0 SEC

FIELD LOCATE ADVANCE OF LANE SHIFT SIGNING.



**STAGE 2**  
**SR500 / NE 166TH AVE SOUTH SIDE IMPROVEMENTS**  
NOT TO SCALE

FILE NAME		G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\3_XL6474_PS_ST.dgn			
TIME	7:43:41 AM			REGION NO.	STATE
DATE	11/18/2022			10	WASH
PLOTTED BY	prendet			JOB NUMBER	
DESIGNED BY	T. PRENDERGAST			22X342	
ENTERED BY	T. PRENDERGAST			CONTRACT NO.	
CHECKED BY	A. ROMANCHOCK			LOCATION NO.	
PROJ. ENGR.	S. FELL			XL6474	
REGIONAL ADM.	C. FRANCIS	REVISION	DATE	BY	



SEE SHEET CT1  
DATE

P.E. STAMP BOX



P.E. STAMP BOX

SR 500/ NE FOURTH PLAIN BLVD  
NE 162ND AVE TO NE 166TH AVE  
SAFE ROUTE TO SCHOOL

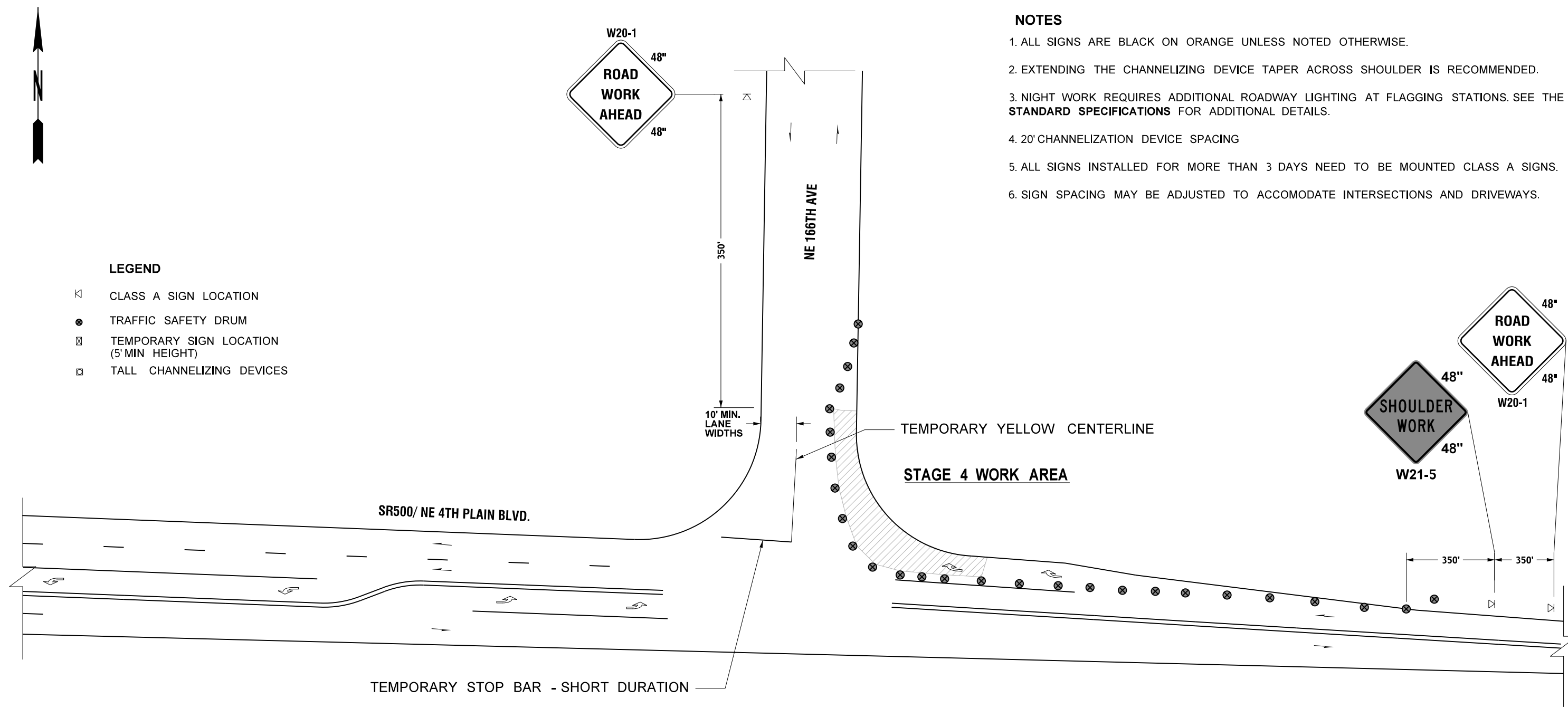
STAGING PLANS

PLAN REF NO  
**ST4**



SHEET  
**20**  
OF  
**63**  
SHEETS

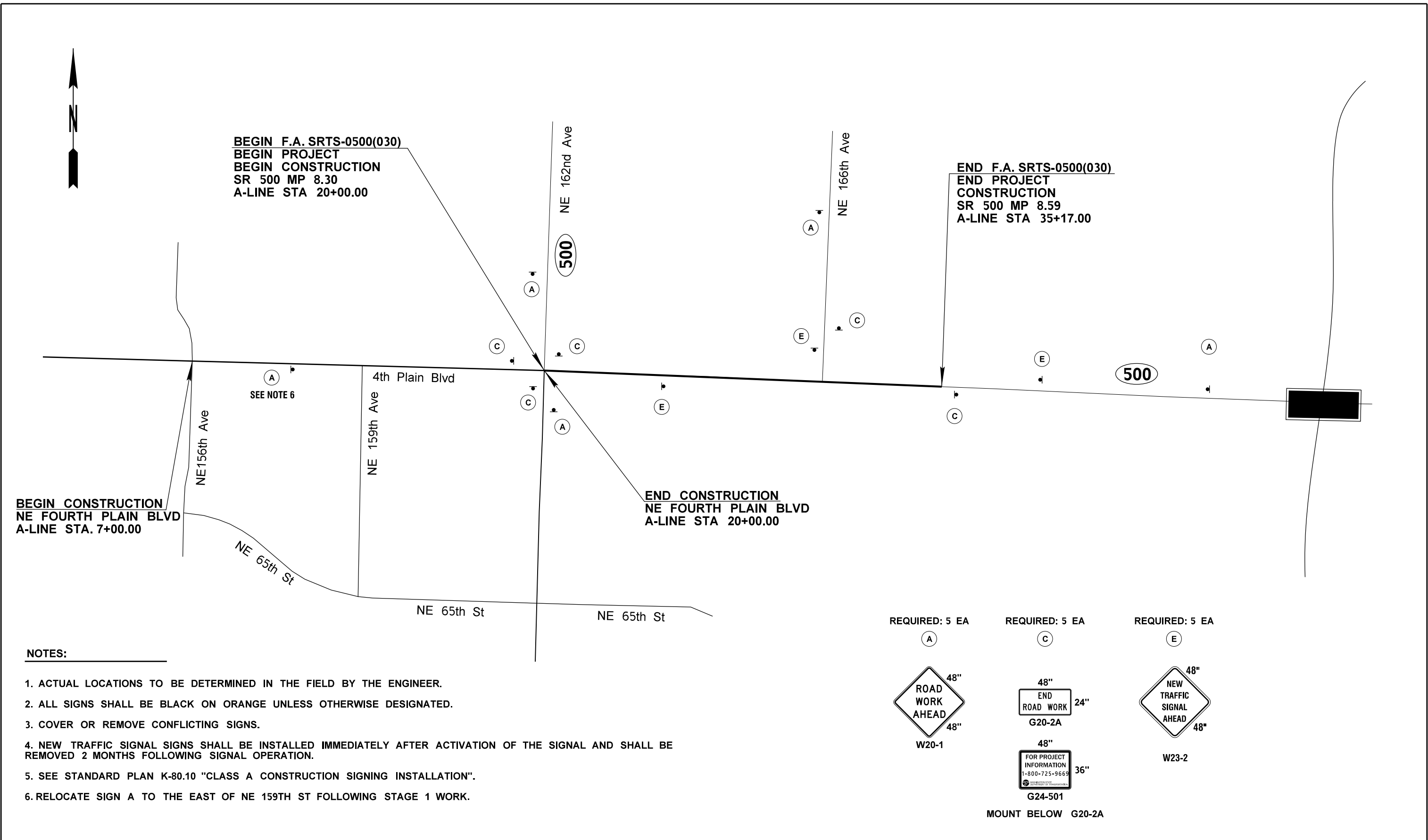






**STAGE 4**  
**SR500 / NE 166TH AVE INTERSECTION - NE QUADRANT**  
**NOT TO SCALE**

FILE NAME G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\3_XL6474_PS_ST.dgn												 Washington State Department of Transportation		Plot 6	
TIME	7:44:09 AM					REGION NO.	STATE	FED.AID PROJ.NO. SRTS-0500(030)						PLAN REF NO	
DATE	11/18/2022					10	WASH			ST6					
PLOTTED BY	prendet					JOB NUMBER		LOCATION NO. XL6474		SHEET 22 OF 63 SHEETS					
DESIGNED BY	T. PRENDERGAST					22X342									
ENTERED BY	T. PRENDERGAST					CONTRACT NO.		DATE		STAGING PLANS					
CHECKED BY	A. ROMANCHOCK														
PROJ. ENGR.	S. FELL														
REGIONAL ADM.	C. FRANCIS							P.E. STAMP BOX		DATE					
REVISION				DATE	BY										
										P.E. STAMP BOX		DATE			



NOTES:


1. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
2. ALL SIGNS SHALL BE BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.
3. COVER OR REMOVE CONFLICTING SIGNS.
4. NEW TRAFFIC SIGNAL SIGNS SHALL BE INSTALLED IMMEDIATELY AFTER ACTIVATION OF THE SIGNAL AND SHALL BE REMOVED 2 MONTHS FOLLOWING SIGNAL OPERATION.
5. SEE STANDARD PLAN K-80.10 "CLASS A CONSTRUCTION SIGNING INSTALLATION".
6. RELOCATE SIGN A TO THE EAST OF NE 159TH ST FOLLOWING STAGE 1 WORK.

FILE NAME										G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\3b_XL6474_PS_CS.dgn																																												
TIME					7:53:23 AM															REGION NO.					STATE					FED.AID PROJ.NO.																								
DATE					11/18/2022																				10					WASH					SRTS-0500(030)																			
PLOTTED BY					prendet																									JOB NUMBER					22X342																			
DESIGNED BY					T. PRENDERGAST																									CONTRACT NO.					LOCATION NO.																			
ENTERED BY					T. PRENDERGAST																																																	
CHECKED BY					A. ROMANCHOCK																																																	
PROJ. ENGR.					S. FELL																																																	
REGIONAL ADM.					C. FRANCIS																																																	
REVISION																																																						
DATE																																																						
BY																																																						

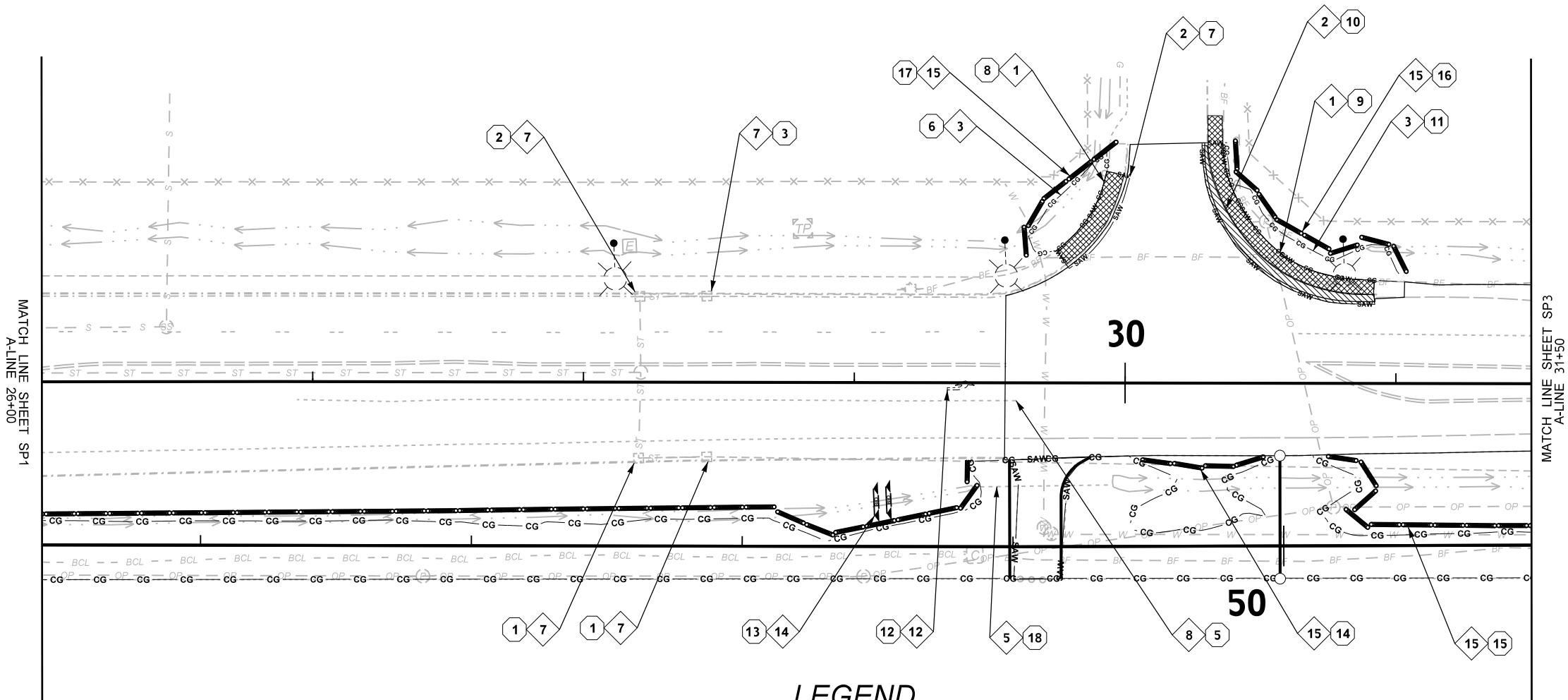
QUANTITY TABULATION - SITE PREPARATION AND TESC									
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<p>NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.</p> <p>THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.</p>	CLEARING AND GRUBBING	REMOVING DRAINAGE STRUCTURE	ADJUST INLET	REMOVING CEMENT CONCRETE SIDEWALK	REMOVING CONCRETE CURB AND GUTTER	REMOVING ASPHALT CONCRETE CURB	REMOVING PAINT LINE	REMOVING PAINTED TRAFFIC MARKING	REMOVING PAINTED CROSSWALK LINE		HIGH VISIBILITY FENCE		INLET PROTECTION (INFORMATIONAL ONLY)	CHECK DAMS (INFORMATIONAL ONLY)	COMPOST SOCK (INFORMATIONAL ONLY)	SEE GENERAL NOTES	GENERAL NOTES:
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CODE	LOCATION \ UNIT OF MEASURE >	ACRE	EACH	EACH	S.Y.	L.F.	L.F.	L.F.	EACH	S.F.	L.F.	L.F.	EACH	L.F.	L.F.		1. SEE STANDARD PLAN 1-10.10-01 " HIGH VISIBILITY FENCE".  2. SEE STANDARD PLAN 1-30.40-02 "COMPOST SOCK".  3. SEE STANDARD PLAN 1-40.20-00 " STORM DRAIN INLET PROTECTION".  4. SEE STANDARD PLAN 1-50.20-01 "CHECK DAMS ON CHANNELS".  5. REPLACED EXISTING HERRINGBONE GRATE WITH NEW VANED GRATE.
SP1-1	B-LINE 40+00 TO B-LINE 40+74					74											
SP1-2	B-LINE 40+00 TO B-LINE 40+74				53.7												
SP1-3	A-LINE 21+20 (35.2' RT)			1									1			3, 5	
SP1-4	A-LINE 20+75 (85.8' RT) TO 24+04 (73.7' RT)										331					1	
SP1-5	A-LINE 21+20 (31.6' LT)												1			3	
SP1-6	A-LINE 21+36 (41.1' RT) TO 23+70 (37.7' RT)						234										
SP1-7	A-LINE 20+78 (19.1' RT) TO 24+10 (18.6' RT)							335									
SP1-8	A-LINE 24+64 (55.3' RT)		1														
SP1-9	A-LINE 24+70 (31.7' LT)												1			3	
SP1-10	A-LINE 24+71 (35.3' RT)												1			3	
SP1-11	A-LINE 21+31 (32.6' LT) TO 29+58 (26.6' RT)							3798									
SP1-12	A-LINE 20+66 (7.8' RT) TO 20+73 (42.6' RT)									280							
SP1-13	A-LINE 20+70 (76.8' RT) TO 23+95 (73.5' RT)														345	2	
SP1-14	A-LINE 23+52 (64.9' LT)													20		4	
SP1-15	A-LINE 23+85 (38.9' RT) TO 29+58 (43.4' RT)														595	2	
SP2-1	A-LINE 28+20 (28.0' RT)												1			3	
SP2-2	A-LINE 28+20 (31.6' LT)												1			3	
SP2-3	A-LINE 28+45 (31.8' LT)												1			3	
SP2-4	A-LINE 28+46 (27.6' RT)												1			3	
SP2-5	A-LINE 29+48 (6.6' RT) TO 29+60 (6.6' RT)							12									
SP2-6	A-LINE 29+64 (53.8' LT) TO 29+93 (85.1' LT)	0.01															
SP2-7	A-LINE 29+79 (42.3' LT) TO 30+02 (76.4' LT)					42											
SP2-8	A-LINE 29+78 (44.1' LT) TO 29+99 (76.9' LT)				25.6												
SP2-9	A-LINE 30+30 (92.7' LT) TO 30+92 (31.7' LT)				77												
SP2-10	A-LINE 30+28 (88.7' LT) TO 30+92 (29.2' LT)					104											
SP2-11	A-LINE 30+36 (88.8' LT) TO 31+03 (37.5' LT)	0.01															
SP2-12	A-LINE 29+27 (0.7' RT)								1								
SP2-13	A-LINE 29+10 (47.4' RT)													20		4	
SP2-14	A-LINE 29+80 (43.0' RT) TO 30+51 (26.2' RT)														105	2	
SP2-15	A-LINE 30+75 (27.4' RT) TO 33+13 (50.4' RT)														260	2	
SP2-16	A-LINE 30+41 (89.7' LT) TO 31+04 (41.4' LT)														95	2	
SP2-17	A-LINE 29+63 (47.1' LT) TO 29+96 (88.9' LT)														65	2	
SP2-18	A-LINE 29+43 (47.1' LT) TO 30+24 (88.9' LT)		1														
SP3-1	A-LINE 33+09 (34.2' RT)												1			3	
SP3-2	A-LINE 33+13 (50.4' RT) TO 33+15 (29.7' RT)														35	2	
SP3-3	A-LINE 32+79 (27.2' RT)													20		4	
SP3-4	A-LINE 33+21 (72.3' RT) TO 33+21 (24.8' RT)										48					1	
SHEET TOTAL		0.02	2	1	156.3	220	234	4145	1	280		379		9	60	1500	
PROJECT TOTAL		0.02	2	1	156.3	220	234	4145	1	280		379		9	60	1500	

						REGION NO.	STATE	FED. AID PROJ. NO.			SR 500/ NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL	QTSP 1
DESIGNED BY	T. PRENDERGAST	09/22/22				10	WASH	SRTS-0500(030)	SHEET			
ENTERED BY	T. PRENDERGAST	09/22/22							24			
CHECKED BY	A. ROMANCHOCK	09/22/22				JOB NUMBER			OF			
PROJ. ENGR.	S. FELL	09/22/22				22X342			62			
REGION ADM.	C. FRANCIS	09/22/22				CONTRACT NO.			SHEETS			
		DATE	DATE	REVISION	BY							QUANTITY TABULATION - SITE PREPARATION AND TESC





### LEGEND

- BCL - - - BCL BURIED COMMUNICATION LINE
- OP - - - OP OVERHEAD POWER
- BF - - - BF BURIED FIBER OPTIC
- W - - - W WATER LINE
- BP - - - BP BURIED POWER
- ST - - - ST STORM SEWER
- S - - - S SANITARY SEWER
- X - X - X FENCE
- - - - - EXISTING DITCH
- (S) SIGNAL POLE
- [E] ELECTRICAL BOX
- (P) UTILITY VAULT
- (P) POWER POLE
- (d) SIGN
- (W) WATER VALVE
- (C) MANHOLE
- (F) FIRE HYDRANT
- (G) GAS VALVE BOX
- (L) LUMINAIRE
- CG - - - CG CLEARING AND GRUBBING
- HVF - - - HVF HIGH VISIBILITY FENCE
- SAW - - - SAW SAWCUT
- - - - - WETLAND BOUNDARY
- [X] COMPOST SOCK
- [X] BIO-DEGRADABLE CHECK DAM
- [X] CONCRETE SIDEWALK REMOVAL
- [X] ROADWAY EXCAVATION
- # QUANTITY TAB NOTE FLAG
- # CONSTRUCTION NOTE FLAG
- [ ] CATCH BASIN
- ( ) TREE
- ( ) TELEPHONE POLE
- ( ) GUY WIRE ANCHOR

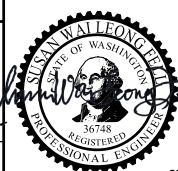
### CONSTRUCTION NOTES:

- 1 REMOVING CEMENT CONCRETE SIDEWALK
- 2 REMOVING CEMENT CONCRETE TRAFFIC CURB AND GUTTER
- 3 CLEARING AND GRUBBING
- 5 REMOVING DRAINAGE STRUCTURE - SEE SHEET DR4
- 7 INLET PROTECTION
- 8 REMOVING PAINT LINE
- 9 ROADWAY EXCAVATION INCL. HAUL
- 12 REMOVING PAINTED TRAFFIC MARKING
- 14 CHECK DAM
- 15 COMPOST SOCK

### NOTES:

1. PLEASE NOTIFY SW REGION CADASTRAL OFFICE REGARDING ANY SURVEY MONUMENTS THAT ARE DISCOVERED DURING CONSTRUCTION AND MAY BE SUBJECT TO DESTRUCTION DUE TO THE IMPROVEMENTS.
2. EXISTING CONDUIT PATHS FOR LUMINAIRES AND SIGNALS ARE UNKNOWN AT THIS POINT. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE ALL UTILITIES ARE LOCATED PRIOR TO CONSTRUCTION.

FILE NAME	G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\4_XL6474_PS_SP.dgn				
TIME	8:41:22 AM				
DATE	11/18/2022				
PLOTTED BY	prendet				
DESIGNED BY	T. PRENDERGAST				
ENTERED BY	T. PRENDERGAST				
CHECKED BY	A. ROMANCHOCK				
PROJ. ENGR.	S. FELL				
REGIONAL ADM.	C. FRANCIS				
	REVISION	DATE	BY		
				REGION NO.	STATE
				10	WASH
				JOB NUMBER	
				22X342	
				CONTRACT NO.	
				LOCATION NO.	
				XL6474	



SEE SHEET CT1  
DATE

P.E. STAMP BOX



Washington State  
Department of Transportation

DATE

P.E. STAMP BOX

SR 500/ NE FOURTH PLAIN BLVD  
NE 162ND AVE TO NE 166TH AVE  
SAFE ROUTE TO SCHOOL

SITE PREP, UTILITY, AND TESC PLAN

Plot 6

PLAN REF NO

SP2

SHEET

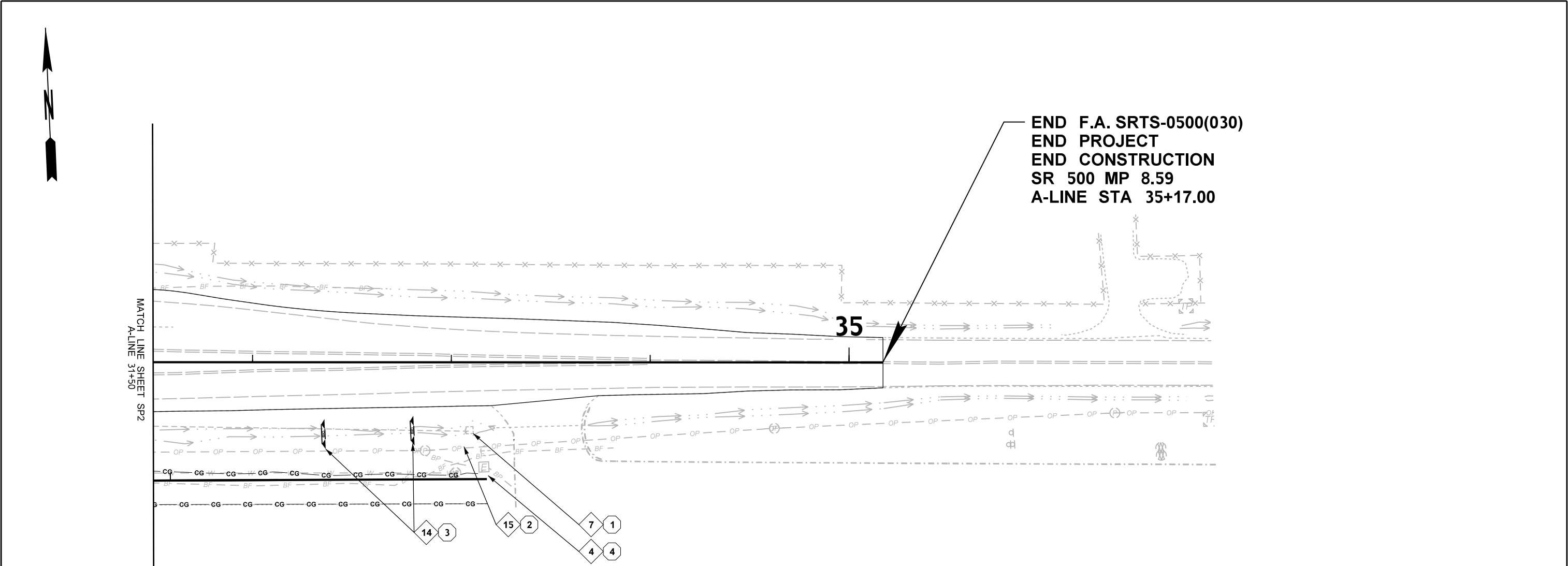
26

OF

63

SHEETS







LEGEND

CONSTRUCTION NOTES:

- 4 HIGH VISIBILITY FENCE
- 7 INLET PROTECTION
- 14 CHECK DAM
- 15 COMPOST SOCK

- BCL BURIED COMMUNICATION LINE
- OP OVERHEAD POWER
- BF BURIED FIBER OPTIC
- W WATER LINE
- BP BURIED POWER
- ST STORM SEWER
- S SANITARY SEWER
- FENCE
- EXISTING DITCH
- SIGNAL POLE
- ELECTRICAL BOX
- UTILITY VAULT
- POWER POLE
- SIGN
- WATER VALVE
- MANHOLE
- FIRE HYDRANT
- GAS VALVE BOX
- LUMINAIRE
- CG CLEARING AND GRUBBING
- HVF HIGH VISIBILITY FENCE
- SAW SAWCUT
- WETLAND BOUNDARY
- COMPOST SOCK
- BIO-DEGRADABLE CHECK DAM
- CONCRETE SIDEWALK REMOVAL
- ROADWAY EXCAVATION
- QUANTITY TAB NOTE FLAG
- CONSTRUCTION NOTE FLAG
- CATCH BASIN
- TREE
- TELEPHONE POLE
- GUY WIRE ANCHOR

- NOTES:
- PLEASE NOTIFY SW REGION CADASTRAL OFFICE REGARDING ANY SURVEY MONUMENTS THAT ARE DISCOVERED DURING CONSTRUCTION AND MAY BE SUBJECT TO DESTRUCTION DUE TO THE IMPROVEMENTS.
  - EXISTING CONDUIT PATHS FOR LUMINAIRES AND SIGNALS ARE UNKNOWN AT THIS POINT. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE ALL UTILITIES ARE LOCATED PRIOR TO CONSTRUCTION.

FILE NAME					G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\4_XL6474_PS_SP.dgn																
TIME		8:41:40 AM								REGION NO.		STATE		FED.AID PROJ.NO. SRTS-0500(030)				 Washington State Department of Transportation		Plot 7	
DATE		11/18/2022								10		WASH								PLAN REF NO	
PLOTTED BY		prendet																		SP3	
DESIGNED BY		T. PRENDERGAST																			
ENTERED BY		T. PRENDERGAST																SHEET			
CHECKED BY		A. ROMANCHOCK																27			
PROJ. ENGR.		S. FELL																OF			
REGIONAL ADM.		C. FRANCIS																63			
																		SHEETS			

QUANTITY TABULATION - PATHWAY PLANS									
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NOTE:  
THE FIRST NUMBER OF THE "CODE" BELOW  
REFERS TO THE SHEET NO. OR THE SHEET  
REFERENCE NO. SHOWING THE  
CONSTRUCTION FEATURE.


THE SECOND NUMBER REFERS TO THE  
CONSTRUCTION FEATURE FOUND ON THAT  
SHEET.

[illegible]

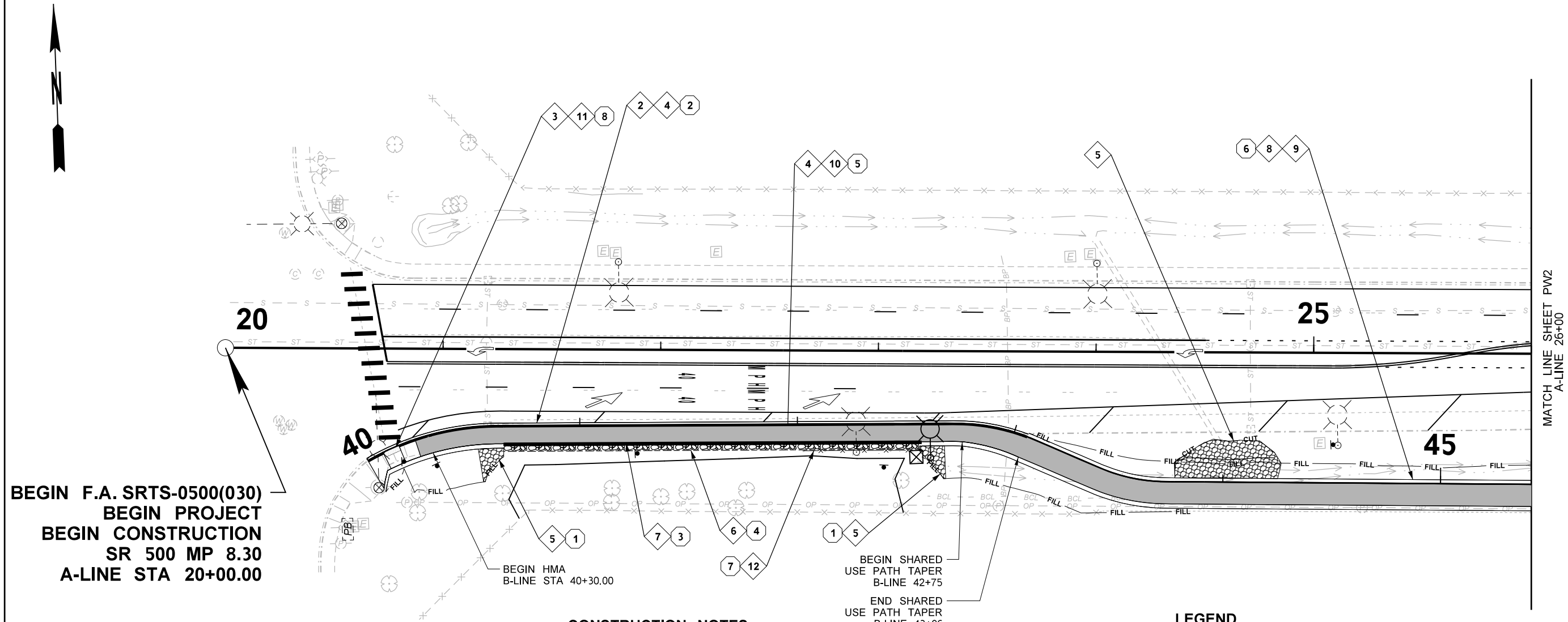
QUARRY SPALLS
GABION CRIBBING
GRAVEL BORROW
COMMERCIAL HMA CLASS 3/8 INCH PG 58H-22
CRUSHED SURFACING BASE COURSE
CEMENT CONCRETE TRAFFIC CURB AND GUTTER
CEMENT CONCRETE PEDESTRIAN CURB
CEMENT CONCRETE CURB RAMP AND SIDEWALK
DETECTABLE WARNING SURFACE
MEDIA FILTER DRAIN MIX
GEOTEXTILE FOR UNDERGROUND DRAINAGE
CHAIN LINK FECE TYPE 4
SEE GENERAL NOTES

[illegible]

**GENERAL NOTES:**

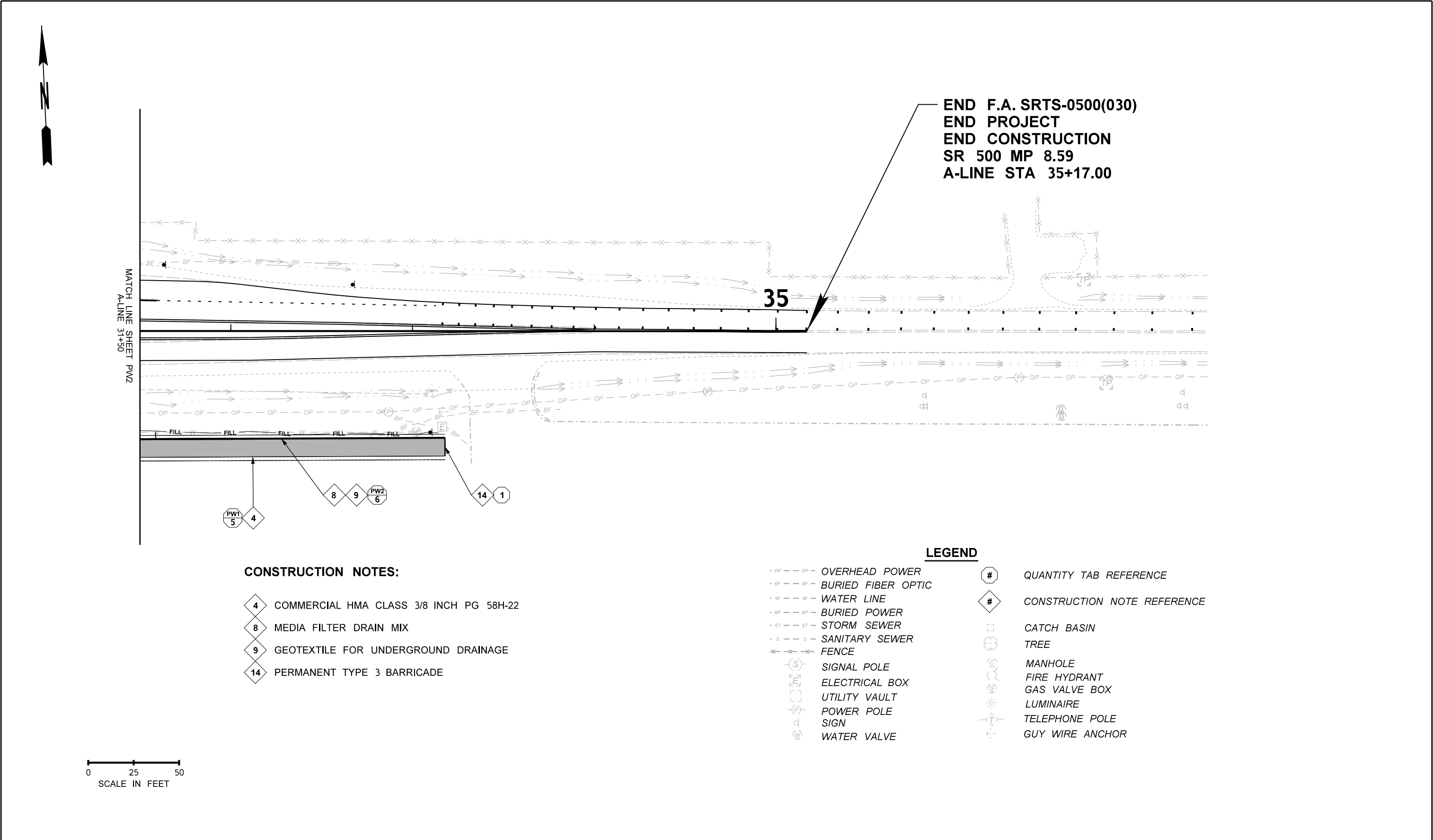
						REGION NO.	STATE	FED. AID PROJ. NO.		 <b>Washington State Department of Transportation</b>	SR 500/ NE FOURTH PLAIN BLVD 162ND AVE TO 166TH AVE SAFE ROUTE TO SCHOOL	QTPW 1
DESIGNED BY	T. PRENDERGAST	09/22/22				10	WASH	SRTS-0500(030)			SHEET	
ENTERED BY	T. PRENDERGAST	09/22/22									28	
CHECKED BY	A. ROMANCHOCK	09/22/22				JOB NUMBER					OF	
PROJ. ENGR.	S. FELL	09/22/22									62	
REGION ADM.	C. FRANCIS	09/22/22				CONTRACT NO.		SHEETS				
		DATE	DATE	REVISION	BY						QUANTITY TABULATION - PATHWAY PLANS	





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CONSTRUCTION NOTES:

- 4 COMMERCIAL HMA CLASS 3/8 INCH PG 58H-22
- 8 MEDIA FILTER DRAIN MIX
- 9 GEOTEXTILE FOR UNDERGROUND DRAINAGE
- 14 PERMANENT TYPE 3 BARRICADE

LEGEND


- OP OVERHEAD POWER
- BF BURIED FIBER OPTIC
- W WATER LINE
- BP BURIED POWER
- ST STORM SEWER
- S SANITARY SEWER
- X FENCE
- S SIGNAL POLE
- E ELECTRICAL BOX
- U UTILITY VAULT
- P POWER POLE
- d SIGN
- W WATER VALVE
- # QUANTITY TAB REFERENCE
- # CONSTRUCTION NOTE REFERENCE
- CATCH BASIN
- TREE
- MANHOLE
- FIRE HYDRANT
- GAS VALVE BOX
- LUMINAIRE
- TELEPHONE POLE
- GUY WIRE ANCHOR

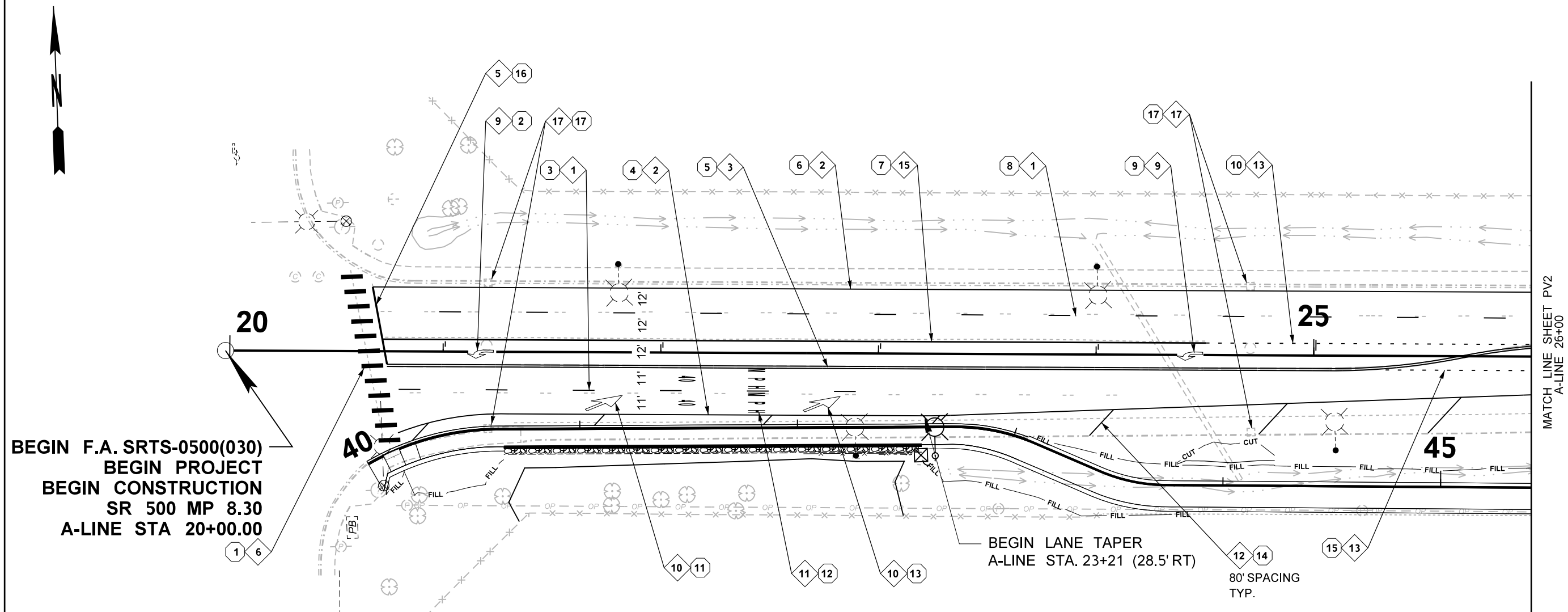
FILE NAME		G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\5_XL6474_PS_PW.dgn										Plot 7					
TIME		8:48:33 AM								REGION NO.		STATE		FED.AID PROJ.NO.		PLAN REF NO	
DATE		11/18/2022								10		WASH		SRTS-0500(030)		PW3	
PLOTTED BY		prendet								JOB NUMBER						SHEET 31 OF 63 SHEETS	
DESIGNED BY		T. PRENDERGAST								22X342							
ENTERED BY		T. PRENDERGAST								CONTRACT NO.				LOCATION NO.		PATHWAY PLANS	
CHECKED BY		A. ROMANCHOCK												XL6474			
PROJ. ENGR.		S. FELL															
REGIONAL ADM.		C. FRANCIS															
				REVISION		DATE		BY									

QUANTITY TABULATION - PAVING AND PAVEMENT MARKINGS									
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[illegible]

CODE	LOCATION	UNIT OF MEASURE	S.Y.	TON		L.F.	S.F.	L.F.	EACH	L.F.	EACH	HUND	EACH	L.F.	L.F.	L.F.	L.F.	
PV1-1	A-LINE 20+56 (35.6' LT) TO 20+76 (41.8' RT)						280			80								2
PV1-2	A-LINE 20+97 (0.0' RT)								1									3
PV1-3	A-LINE 20+79 (17.5' RT) TO 22+88 (17.5' RT)					221				221		0.03						1, 6
PV1-4	A-LINE 20+79 (37.5' RT) TO 35+35 (12.0' RT)					1458				1458		0.19						1, 6
PV1-5	A-LINE 20+74 (6.5' RT) TO 29+58 (6.2' LT)					1772				886		0.23						1, 6
PV1-6	A-LINE 20+68 (29.5' LT) TO 29+58 (30.2' LT)					891				891		0.12						1, 6
PV1-7	A-LINE 20+72 (5.5' LT) TO 24+50 (5.5' LT)									376		0.05				376		1, 6
PV1-8	A-LINE 20+70 (17.5' LT) TO 29+58 (18.2' LT)					889				889		0.12						1, 6
PV1-9	A-LINE 24+43 (0.0' LT)								1									3
PV1-10	A-LINE 24+50 (5.5' LT) TO 26+00 (5.5' LT)					150				150		0.02						1, 6
PV1-11	A-LINE 21+07 (25.4' RT)								1									3
PV1-12	A-LINE 22+38 (23.5' RT)												10					4
PV1-13	A-LINE 22+74 (23.5' RT)								1									3
PV1-14	A-LINE 20+86 (40.5' RT) TO 30+30 (16.6' RT)													192				5, 6
PV1-15	A-LINE 25+33 (6.5' RT) TO 26+94 (6.5' RT)					161				161		0.03						1, 6
PV1-16	A-LINE 20+67 (29.5' LT) TO 20+74 (5.5' RT)							36		36								2, 8
PV1-17	A-LINE 20+20 TO 24+71										4							8
PV2-1	A-LINE 29+48 (6.4' LT) TO 29+48 (20.4' RT)							26		26								2, 8
PV2-2	A-LINE 29+96 (59.6' LT) TO 30+34 (59.8' LT)						120			35								2
PV2-3	A-LINE 28+98 (69.0' LT) TO 30+14 (68.9' LT)							16		26								2, 8
PV2-4	A-LINE 30+62 (32.0' LT) TO 30+62 (24.1' RT)						200			58								2
PV2-6	A-LINE 30+71 (29.3' LT) TO 30+71 (8.5' LT)							24		24								2, 8
PV2-7	A-LINE 30+71 (18.3' LT) TO 31+60 (16.8' LT)									89		0.02				89		1, 6
PV2-8	A-LINE 30+71 (29.3' LT) TO 35+36 (11.0' LT)					466				466		0.06						1, 6
PV2-9	A-LINE 30+71 (8.0' LT) TO 35+14 (0.0' LT)					1578				789		0.2						1, 6
PV2-10	A-LINE 29+56 TO 35+36	3287	424.5															
PV2-11	A-LINE 29+19 (1.4' RT)								1									3
PV2-12	A-LINE 30+88 (22.7' LT)								1									3
PV2-13	A-LINE 31+53 (21.5' LT)								1									3
PV2-14	A-LINE 27+00 (1.1' RT)								1									3
PV2-15	A-LINE 26+94 (6.5' RT) TO 29+58 (5.8' RT)									265		0.04				265		1, 6
PV2-16	A-LINE 29+58 (29.9' RT) TO 29+78 (29.9' RT)														20			7
PV2-17	A-LINE 29+57 (34.1' LT) TO 29+78 (43.0' LT)														20			7
PV2-18	A-LINE 28+20 TO 28+46										4							8
PV3-1	A-LINE 31+60 (16.8' LT) TO 33+13 (14.0' LT)					154				154		0.02						1, 6
PV3-2	A-LINE 31+60 (16.8' LT) TO 33+13 (14.0' LT)																96	
								</										

						REGION NO.	STATE	FED. AID PROJ. NO.			SR 500/ NE FOURTH PLAIN BLVD NE162ND AVE TO NE166TH AVE SAFE ROUTE TO SCHOOL	QTPV 1
DESIGNED BY	T. PRENDERGAST	09/22/22				10	WASH	SRTS-0500(030)		 Washington State Department of Transportation		SHEET
ENTERED BY	T. PRENDERGAST	09/22/22				JOB NUMBER					32	
CHECKED BY	A. ROMANCHOCK	09/22/22				CONTRACT NO.					OF	
PROJ. ENGR.	S. FELL	09/22/22									63	
REGION ADM.	C. FRANCIS	09/22/22									QUANTITY TABULATION - PAVING AND PAVEMENT MARKINGS	SHEETS
		DATE	DATE	REVISION	BY							

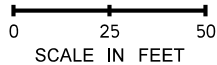


CONSTRUCTION NOTES:

- 1 PLASTIC WHITE LANE LINE
- 2 PLASTIC WHITE EDGE LINE
- 3 PLASTIC YELLOW DOUBLE CENTERLINE
- 5 PLASTIC WHITE STOP LINE
- 6 PLASTIC WHITE CROSSWALK LINE
- 9 PLASTIC WHITE TRAFFIC ARROW - TYPE 2L AND 2R
- 10 PLASTIC WHITE TRAFFIC ARROW - TYPE 6L
- 11 PLASTIC WHITE TRAFFIC LETTERS AND NUMERALS - HIGH SPEED
- 12 PLASTIC WHITE CROSSHATCH MARKING
- 13 PLASTIC WHITE DOTTED EXTENSION LINE
- 15 PLASTIC WHITE WIDE SOLID LANE LINE
- 17 PLASTIC WHITE DRAINAGE MARKERS

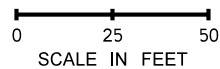
LEGEND












- EXISTING PAINTED EDGE LINE
- EXISTING SIDEWALK
- EXISTING STOP BAR
- EXISTING ASPHALT CURB
- EXISTING FENCE
- SIDEWALK
- TOE OF FILL SLOPE
- EDGE OF PAVING LIMITS
- EXISTING GUY DOWN ANCHOR
- EXISTING TREE
- EXISTING SIGNAL UNKNOWN
- QUANTITY TAB REFERENCE
- QUANTITY TAB CONTINUATION REFERENCE
- CONSTRUCTION NOTE REFERENCE
- CURB RAMP REFERENCE
- EXISTING SIGN
- NEW SIGN
- EXISTING POWER POLE
- NEW LUMINAIRE
- HAWK SIGNAL





FILE NAME		G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\6_XL6474_PS_PV.dgn		REGION NO.		STATE		FED.AID PROJ.NO.		Washington State Department of Transportation		SR 500/ NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL		Plot 5	
TIME		8:52:51 AM		10		WASH		SRTS-0500(030)		SEE SHEET CT1		PAVING AND PAVEMENT MARKINGS		PLAN REF NO	
DATE		11/18/2022		22X342		CONTRACT NO.		XL6474		DATE		SHEET 33		OF 63	
PLOTTED BY		prendet												SHEETS	
DESIGNED BY		T. PRENDERGAST													
ENTERED BY		T. PRENDERGAST													
CHECKED BY		A. ROMANCHOCK													
PROJ. ENGR.		S. FELL													
REGIONAL ADM.		C. FRANCIS													
		REVISION		DATE		BY									

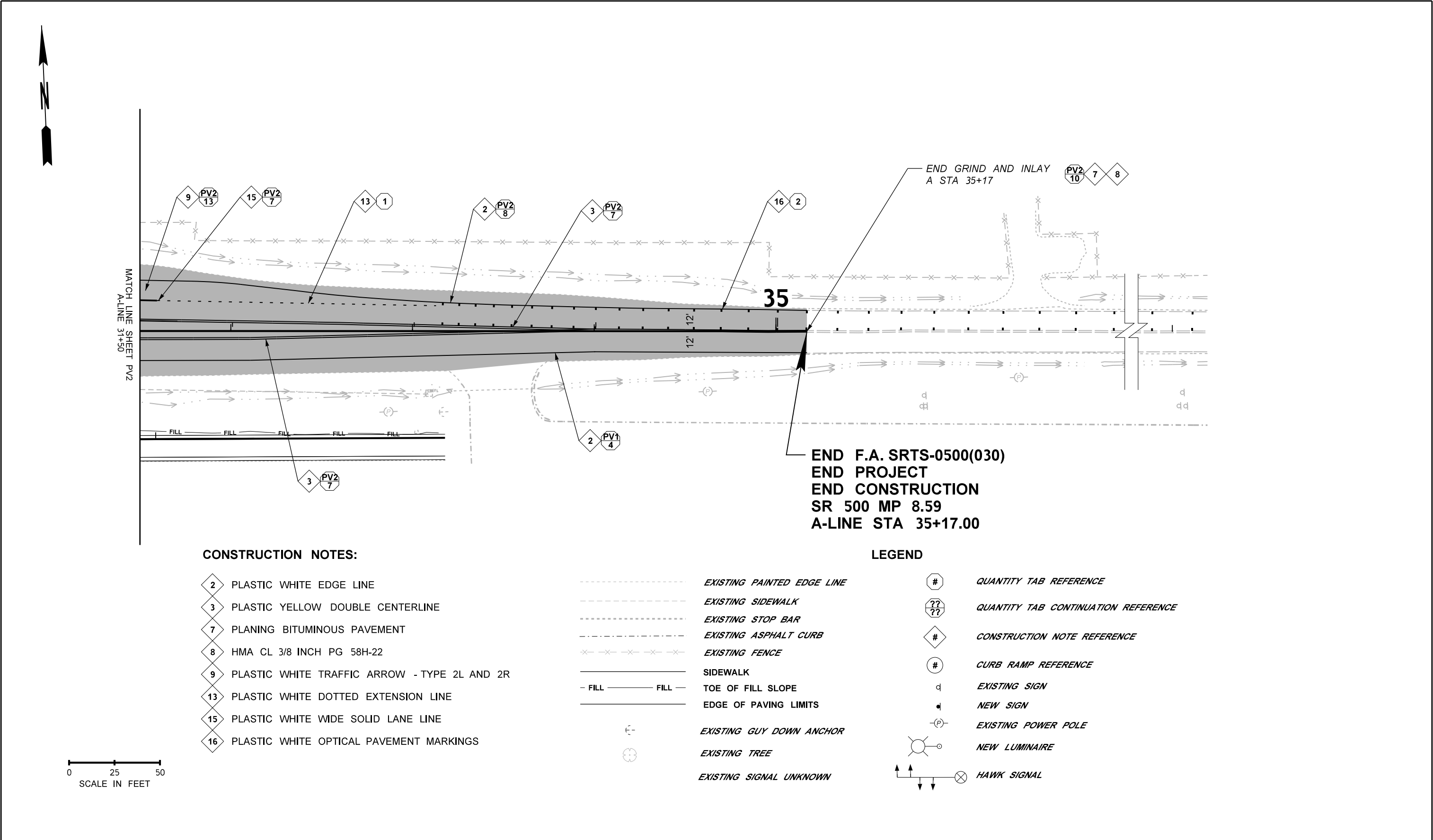






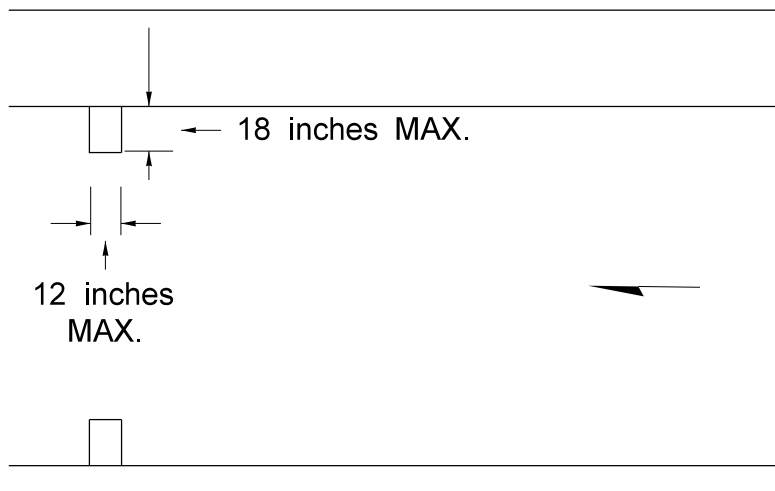
- |   |                            |
|---|----------------------------|
|  | EXISTING PAINTED EDGE LINE |
|  | EXISTING SIDEWALK          |
|  | EXISTING STOP BAR          |
|  | EXISTING ASPHALT CURB      |
|  | EXISTING FENCE             |
|  | SIDEWALK                   |
|  | TOE OF FILL SLOPE          |
|  | EDGE OF PAVING LIMITS      |
|  | EXISTING GUY DOWN ANCHOR   |
|  | EXISTING TREE              |
|  | EXISTING SIGNAL UNKNOWN    |

	<i>QUANTITY TAB REFERENCE</i>
	<i>QUANTITY TAB CONTINUATION REFERENCE</i>
	<i>CONSTRUCTION NOTE REFERENCE</i>
	<i>EXISTING SIGN</i>
	<i>NEW SIGN</i>
	<i>EXISTING POWER POLE</i>
	<i>NEW LUMINAIRE</i>
	<i>HAWK SIGNAL</i>

FILE NAME		G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\6_XL6474_PS_PV.dgn										Plot 6					
TIME		8:53:03 AM						REGION NO.		STATE		FED.AID PROJ.NO.		PLAN REF NO			
DATE		11/18/2022						10		WASH		SRTS-0500(030)		PV2			
PLOTTED BY		prendet						JOB NUMBER								SR 500/ NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL	
DESIGNED BY		T. PRENDERGAST						CONTRACT NO.		LOCATION NO.							
ENTERED BY		T. PRENDERGAST								XL6474							
CHECKED BY		A. ROMANCHOCK															
PROJ. ENGR.		S. FELL														PAVING AND PAVEMENT MARKINGS	
REGIONAL ADM.		C. FRANCIS															
		REVISION		DATE		BY											





FILE NAME										G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\6_XL6474_PS_PV.dgn																	
TIME		8:53:13 AM								REGION NO.		STATE		FED.AID PROJ.NO. SRTS-0500(030)										SR 500/NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL		Plot 7	
DATE		11/18/2022								10		WASH														PLAN REF NO	
PLOTTED BY		prendet										JOB NUMBER														SHEET 35 OF 63 SHEETS	
DESIGNED BY		T. PRENDERGAST										22X342															
ENTERED BY		T. PRENDERGAST																									
CHECKED BY		A. ROMANCHOCK																									
PROJ. ENGR.		S. FELL																									
REGIONAL ADM.		C. FRANCIS																									

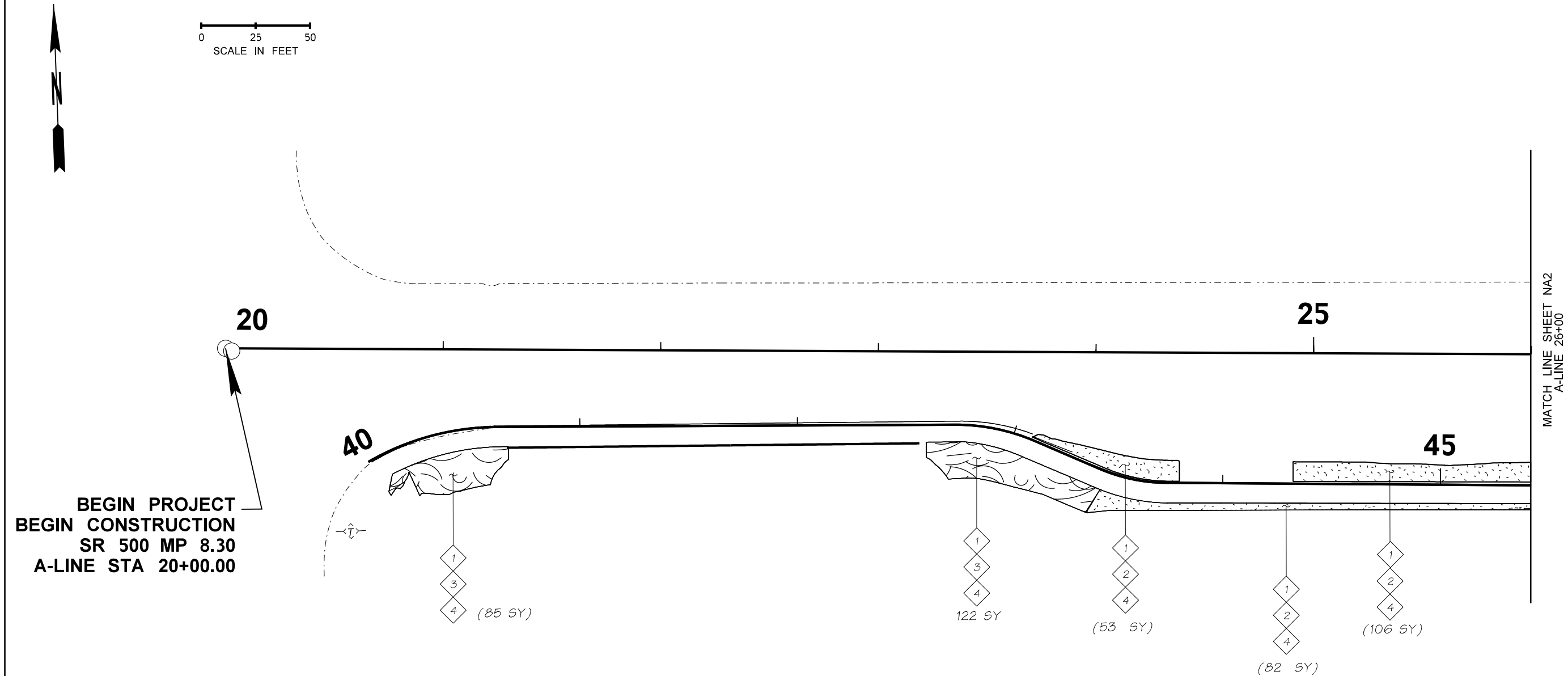


**PLASTIC WHITE OPTICAL PAVEMENT MARKING DETAIL**

SR 500 WEST BOUND OPTICAL MARKINGS (BARS ARE SMALLEST TO LARGEST FROM WEST TO EAST)														
BARS	1 TO 3	3 TO 5	5 TO 7	7 TO 9	9 TO 11	11 TO 13	13 TO 15	15 TO 17	17 TO 19	19 TO 21	21 TO 23	23 TO 25	25 TO 27	27 TO 32
DISTANCE - FT	9	10	11	12	13	14	15	16	17	18	19	20	21	22

FILE NAME G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\6_XL6474_PS_PV.dgn										Plot 8	
TIME 8:53:24 AM					REGION NO. 10	STATE WASH	FED.AID PROJ.NO. SRTS-0500(030)			PLAN REF NO PV4	
DATE 11/18/2022					JOB NUMBER 22X342						
DESIGNED BY T. PRENDERGAST					CONTRACT NO.	LOCATION NO. XL6474				SEE SHEET CT1 DATE	
ENTERED BY T. PRENDERGAST											
CHECKED BY A. ROMANCHOCK										SR 500/ NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL	
PROJ. ENGR. S. FELL											
REGIONAL ADM. C. FRANCIS		REVISION	DATE	BY			P.E. STAMP BOX			PAVING AND PAVEMENT MARKINGS	
							P.E. STAMP BOX			SHEET 36 OF 63 SHEETS	





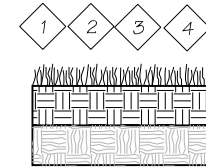
### SUMMARY OF QUANTITIES

ITEM	UNIT	QTY NA1	QTY NA2	QTY NA3	TOTAL
TOPSOIL TYPE A (3 INCH SETTLED DEPTH)	SY	241	812	95	1148
TOPSOIL TYPE A (6 INCH SETTLED DEPTH)	SY	207	0	0	207
SEEDING, FERTILIZING AND MULCHING	SY	448	812	95	1355

### QUANTITIES THIS SHEET

ITEM	UNIT	QTY
TOPSOIL TYPE A (3 INCH SETTLED DEPTH)	SY	241
TOPSOIL TYPE A (6 INCH SETTLED DEPTH)	SY	207
SEEDING, FERTILIZING AND MULCHING	SY	448

SURFACE WEED FREE  
PRIOR TO TOPSOIL  
PLACEMENT



SEEDING, FERTILIZING, AND MULCHING AS NOTED ON  
PLANS (SEE CONTRACT PROVISIONS)

TOPSOIL TYPE A (SETTLED DEPTH VARIES)



SUBGRADE AFTER FILL REMOVAL  
AND CLEARING.

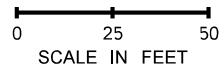
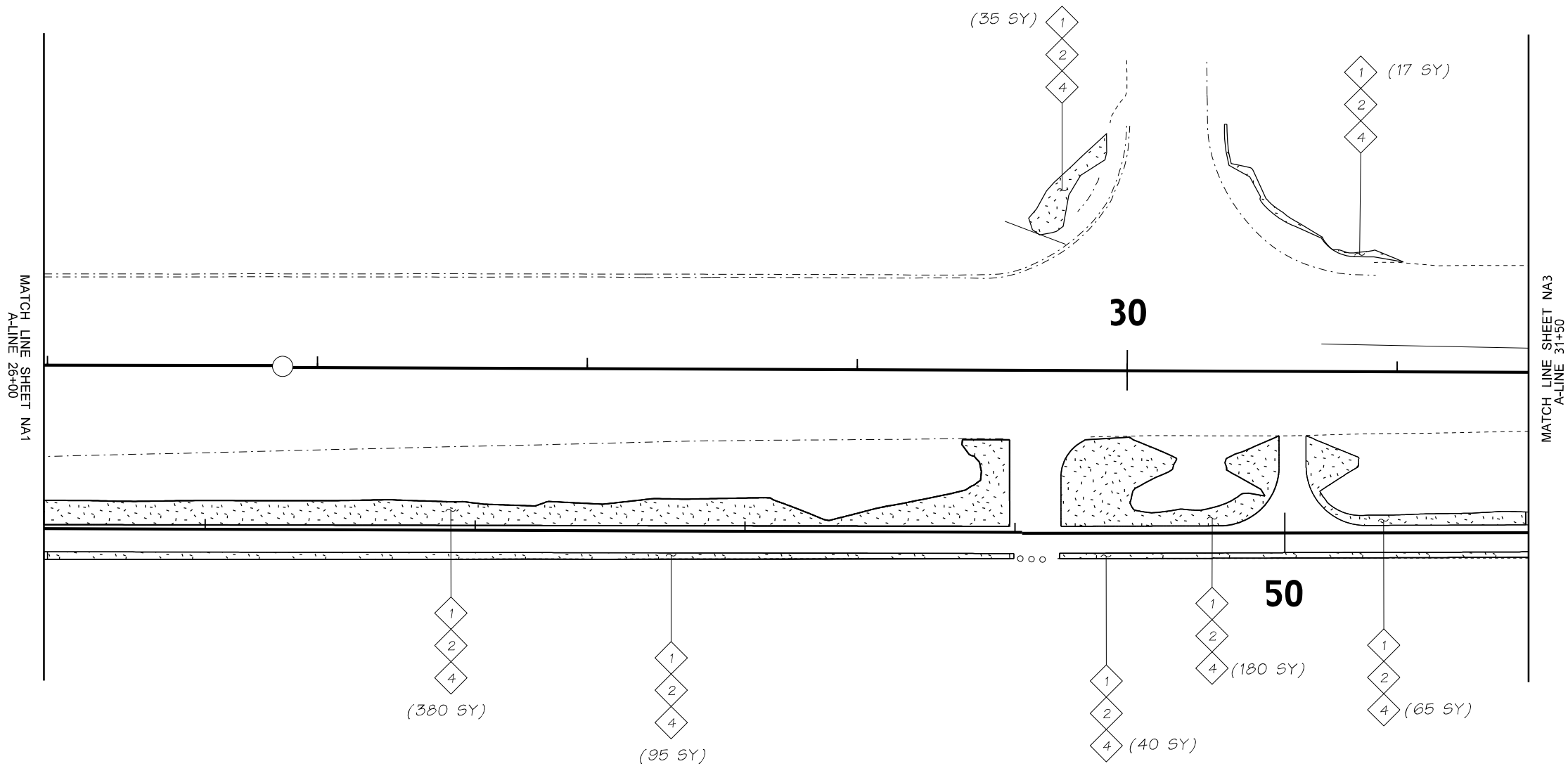
TOPSOIL & SEED PLACEMENT  
NOT TO SCALE

1

### CONSTRUCTION NOTES

- 1 SOIL PREPARATION TO PRODUCE BARE SOIL  
CONDITION. SEE SECTION 8-02.3(5) OF THE  
STANDARD SPECIFICATIONS AND CONTRACT  
PROVISIONS.
- 2 TOPSOIL TYPE 'A', 3 INCH SETTLED DEPTH.  
SEE SECTION 8-02.3(4)A OF THE  
STANDARD SPECIFICATIONS AND  
CONTRACT PROVISIONS.
- 3 TOPSOIL TYPE 'A', 6 INCH SETTLED DEPTH.  
SEE SECTION 8-02.3(4)A OF THE  
STANDARD SPECIFICATIONS AND  
CONTRACT PROVISIONS.
- 4 SEEDING, FERTILIZING AND MULCHING  
PER SECTION 8-02.3(9) OF CONTRACT  
PROVISIONS.

FILE NAME	G:\Roads\Ide\01_projects\500XL6074 SR-500 162nd Vic Ped Path\CAD\XL6474_PS_NA.dgn	REGION NO.	STATE	FED.AID PROJ.NO.		 Washington State Department of Transportation	SR 500/NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL	Plot 5
TIME	9:20:08 AM	10	WASH	SRTS-0500(030)				PLAN REF NO NA1
DATE	11/28/2022	JOB NUMBER	22X342	LOCATION NO. XL6474	SEE SHEET CT-1 DATE	P.E. STAMP BOX	DATE	SHEET 37 OF 61 SHEETS
PLOTTED BY	knappb	CONTRACT NO.						SOIL PREPARATION
DESIGNED BY	B KNAPP							
ENTERED BY	B KNAPP							
CHECKED BY	D CORLETT							
PROJ. ENGR.	S. FELL							
REGIONAL ADM.	C. FRANCIS	REVISION	DATE	BY				



### QUANTITIES THIS SHEET

ITEM	UNIT	QTY
TOPSOIL TYPE A (3 INCH SETTLED DEPTH)	SY	812
TOPSOIL TYPE A (6 INCH SETTLED DEPTH)	SY	0
SEEDING, FERTILIZING AND MULCHING	SY	812

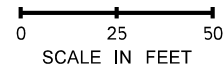
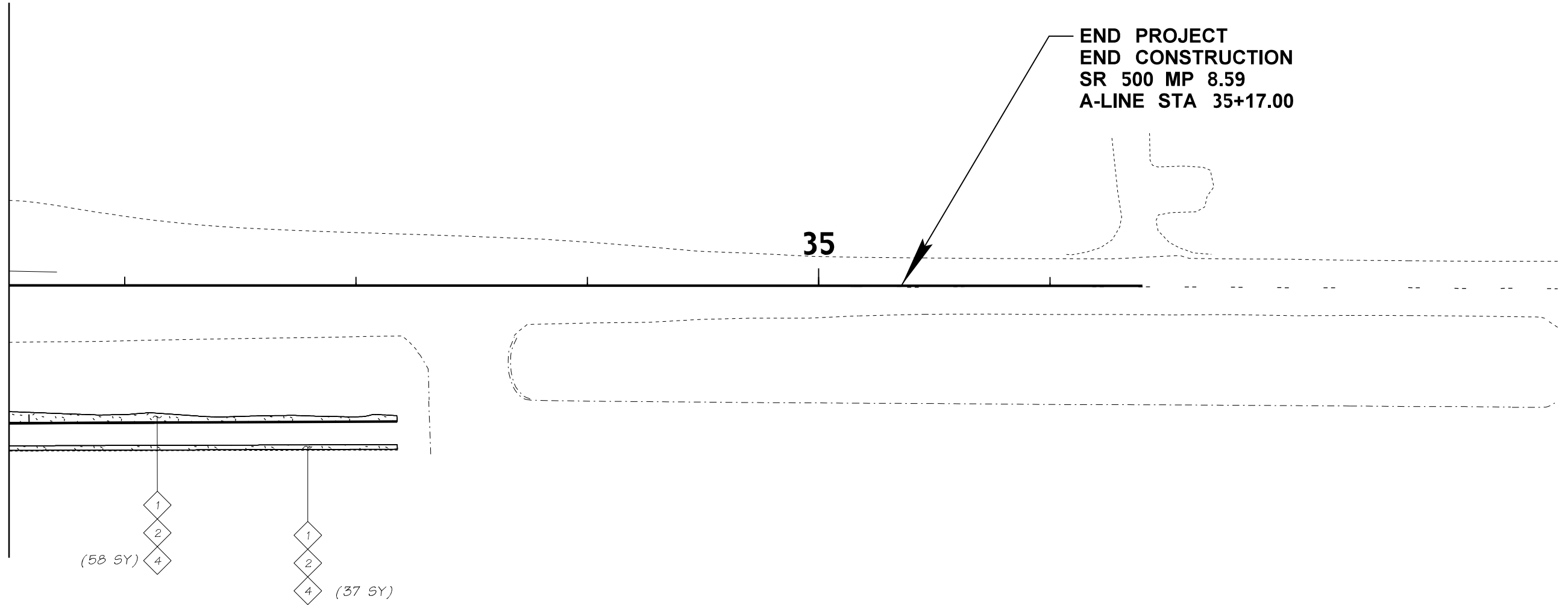
### CONSTRUCTION NOTES

- 1 SOIL PREPARATION TO PRODUCE BARE SOIL CONDITION. SEE SECTION 8-02.3(5) OF THE STANDARD SPECIFICATIONS AND CONTRACT PROVISIONS.
- 2 TOPSOIL TYPE 'A', 3 INCH SETTLED DEPTH. SEE SECTION 8-02.3(4)A OF THE STANDARD SPECIFICATIONS AND CONTRACT PROVISIONS.
- 3 TOPSOIL TYPE 'A', 6 INCH SETTLED DEPTH. SEE SECTION 8-02.3(4)A OF THE STANDARD SPECIFICATIONS AND CONTRACT PROVISIONS.
- 4 SEEDING, FERTILIZING AND MULCHING PER SECTION 8-02.3(9) OF CONTRACT PROVISIONS.

FILE NAME G:\Roads\Ide\01_projects\500\XL6074 SR-500 162nd Vic Ped Path\CAD\XL6474_PS_NA.dgn		REGION NO. 10 STATE WASH		FED.AID PROJ.NO. SRTS-0500(030)		DATE 11/28/2022		PLOT 6 NA2	
PLOTTED BY knappb		JOB NUMBER 22X342		LOCATION NO. XL6474		DATE 11/28/2022		SHEET 38 OF 61 SHEETS	
DESIGNED BY B KNAPP		CONTRACT NO.		DATE		DATE		SR 500/NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL	
ENTERED BY B KNAPP		DATE		DATE		DATE		SOIL PREPARATION	
CHECKED BY D CORLETT		BY		DATE		DATE			
PROJ. ENGR. S. FELL									
REGIONAL ADM. C. FRANCIS		REVISION		DATE		DATE			



MATCH LINE SHEET NA2  
A-LINE 31+50

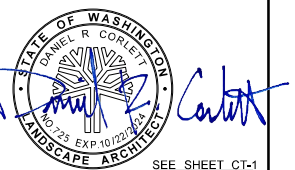



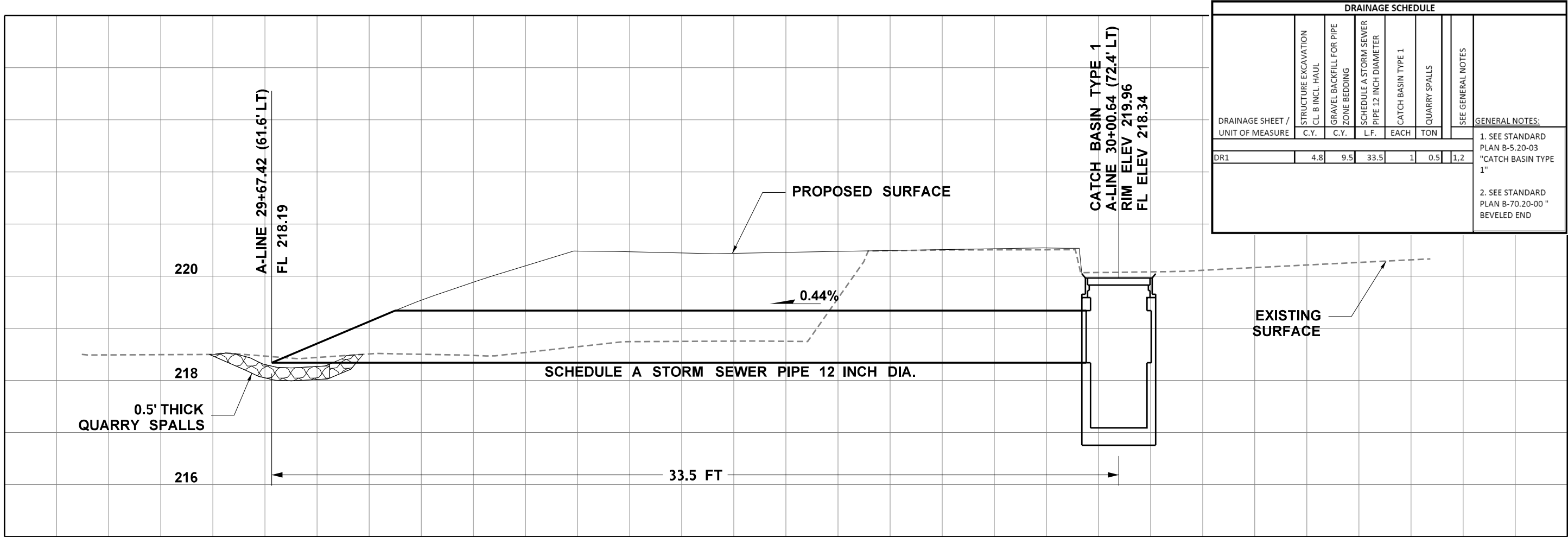
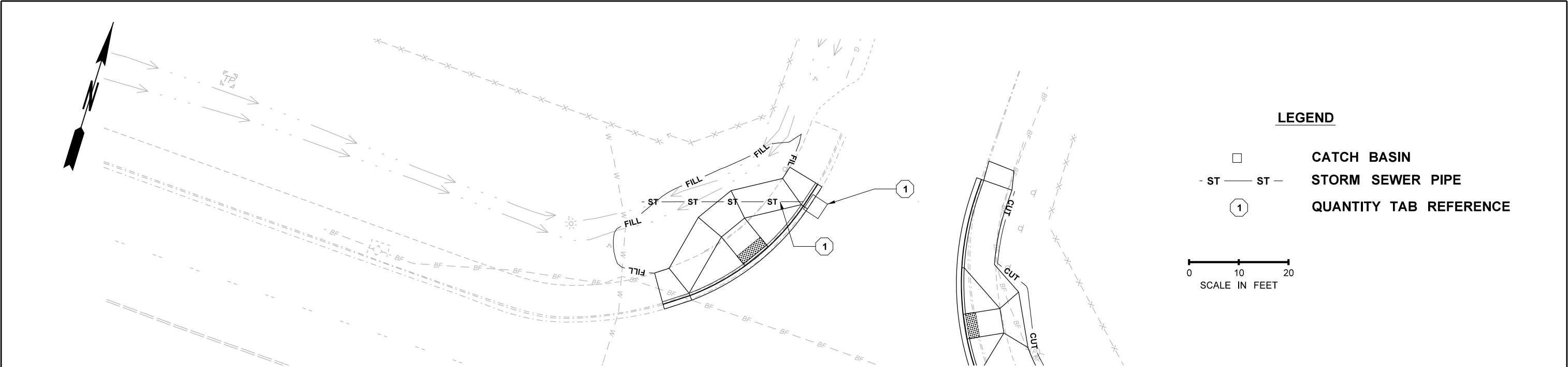
### QUANTITIES THIS SHEET

ITEM	UNIT	QTY
TOPSOIL TYPE A (3 INCH SETTLED DEPTH)	SY	95
TOPSOIL TYPE A (6 INCH SETTLED DEPTH)	SY	0
SEEDING, FERTILIZING AND MULCHING	SY	95



### CONSTRUCTION NOTES

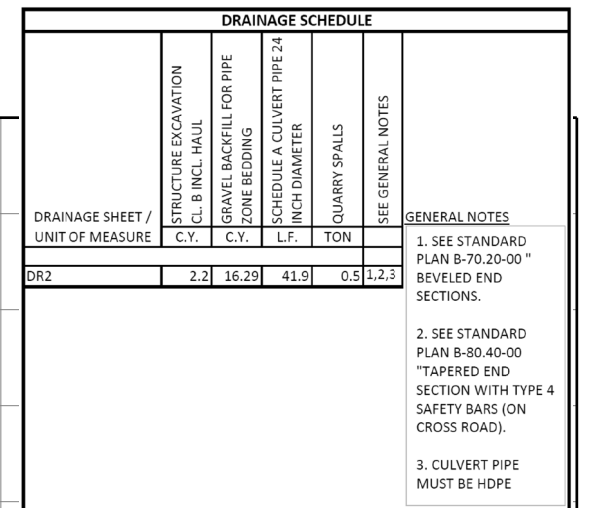
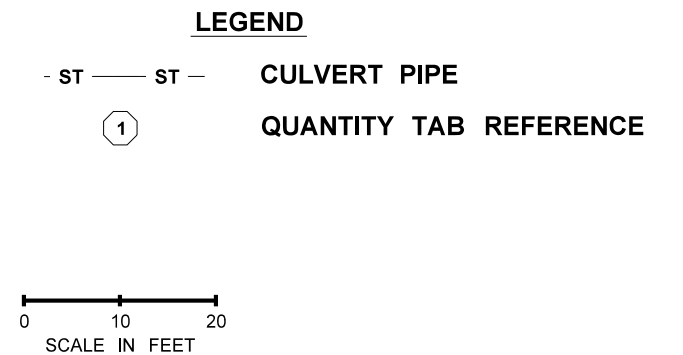
- 1 SOIL PREPARATION TO PRODUCE BARE SOIL CONDITION. SEE SECTION 8-02.3(5) OF THE STANDARD SPECIFICATIONS AND CONTRACT PROVISIONS.
- 2 TOPSOIL TYPE 'A', 3 INCH SETTLED DEPTH. SEE SECTION 8-02.3(4)A OF THE STANDARD SPECIFICATIONS AND CONTRACT PROVISIONS.
- 3 TOPSOIL TYPE 'A', 6 INCH SETTLED DEPTH. SEE SECTION 8-02.3(4)A OF THE STANDARD SPECIFICATIONS AND CONTRACT PROVISIONS.
- 4 SEEDING, FERTILIZING AND MULCHING PER SECTION 8-02.3(9) OF CONTRACT PROVISIONS.

FILE NAME G:\Roads\del01_projects\500\XL6074 SR-500 162nd Vlc Ped Path\CAD\XL6474_PS_NA.dgn				REGION NO. STATE		FED.AID PROJ.NO.				 Washington State Department of Transportation		SR 500/NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL		Plot 7	
TIME 9:22:27 AM		DATE 11/28/2022		10 WASH		SRTS-0500(030)								PLAN REF NO NA3	
PLOTTED BY knappb				JOB NUMBER 22X342		LOCATION NO.		SEE SHEET CI-1 DATE		DATE		SOIL PREPARATION		SHEET 39 OF 61 SHEETS	
DESIGNED BY B KNAPP				CONTRACT NO.		XL6474									
ENTERED BY B KNAPP															
CHECKED BY D CORLETT															
PROJ. ENGR. S. FELL															
REGIONAL ADM. C. FRANCIS		REVISION		DATE		BY									



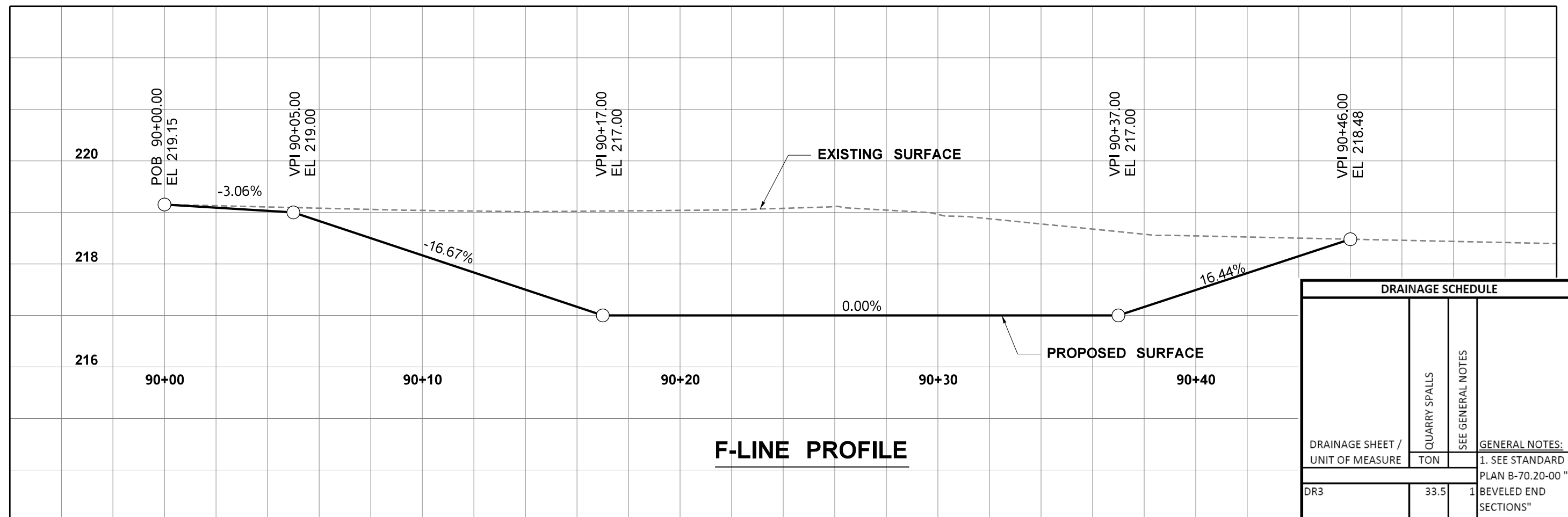
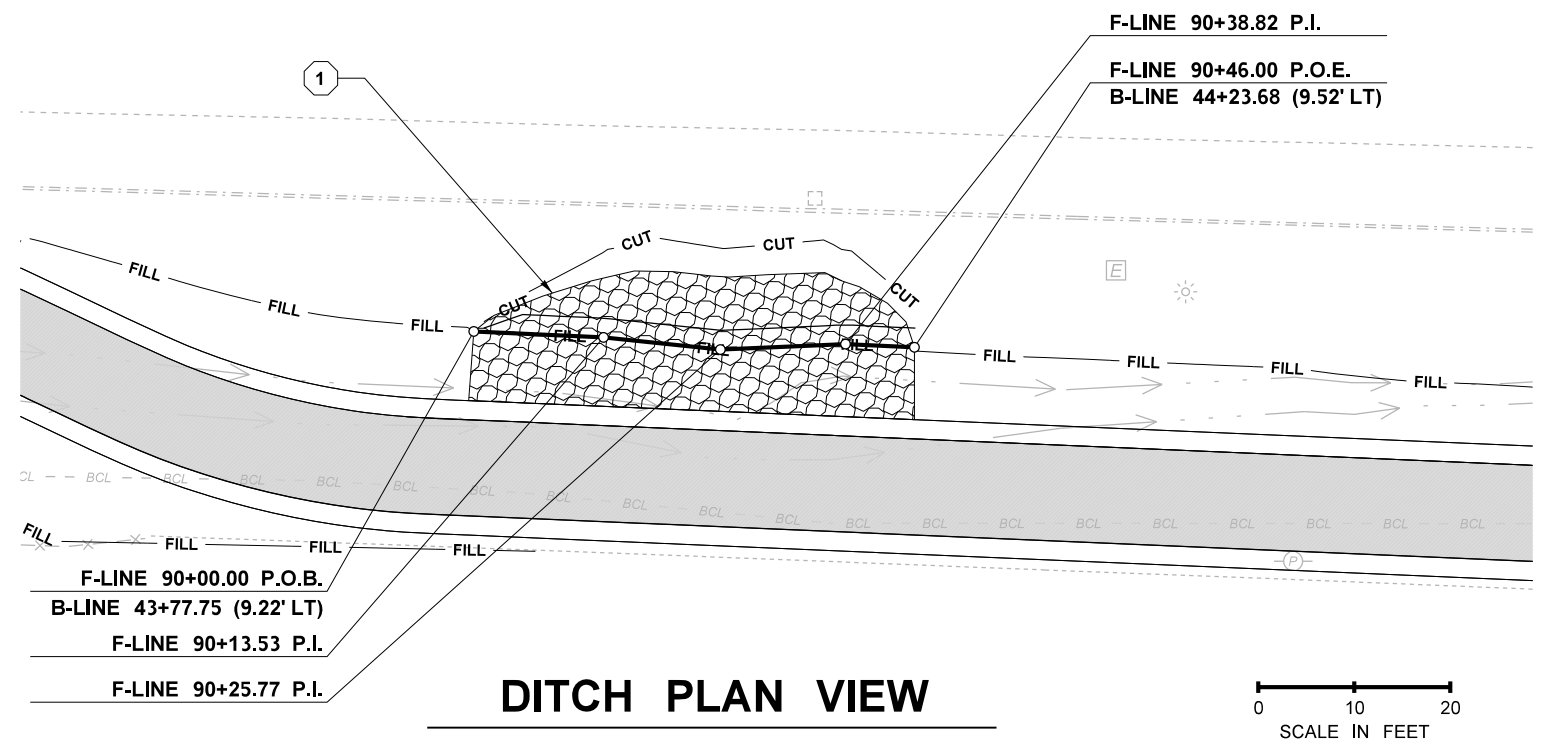
DRAINAGE SCHEDULE							GENERAL NOTES:
DRAINAGE SHEET / UNIT OF MEASURE	STRUCTURE EXCAVATION CL. B INCL. HAUL	GRAVEL BACKFILL FOR PIPE ZONE BEDDING	SCHEDULE A STORM SEWER PIPE 12 INCH DIAMETER	CATCH BASIN TYPE 1	QUARRY SPALLS	SEE GENERAL NOTES	
C.Y.	C.Y.	L.F.	EACH	TON			
DR1	4.8	9.5	33.5	1	0.5	1.2	1. SEE STANDARD PLAN B-5.20-03 "CATCH BASIN TYPE 1"
							2. SEE STANDARD PLAN B-70.20-00 "BEVELED END"

FILE NAME					G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\7_XL6474_PS_DR.dgn					<div></div> <div>SEE SHEET CT1</div> <div>DATE</div> <div>P.E. STAMP BOX</div>					<div></div> <div>Washington State Department of Transportation</div> <div>P.E. STAMP BOX</div> <div>DATE</div>					<div>SR 500/NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL</div> <div>DRAINAGE PLANS</div>					Plot 1	
TIME		8:56:05 AM			REGION NO.		STATE		FED.AID PROJ.NO. SRTS-0500(030)																PLAN REF.NO. DR1	
DATE		11/18/2022			10		WASH							SHEET 40 OF 63 SHEETS												
PLOTTED BY		prendet			JOB NUMBER		22X342		CONTRACT NO.			LOCATION NO. XL6474														
DESIGNED BY		T. PRENDERGAST																								
ENTERED BY		T. PRENDERGAST																								
CHECKED BY		A. ROMANCHOCK																								
PROJ. ENGR.		S. FELL																								
REGIONAL ADM.		C. FRANCIS			REVISION		DATE		BY																	

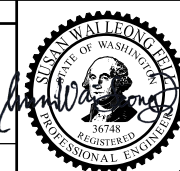
[illegible]



				WIDTH	SIDE SLOPES
F-LINE	STA. 90+00.00	TO	90+05.00	0.0' TO 2.0'	3:1 TO 1.5:1
F-LINE	STA. 90+05.00	TO	90+41.00	2.0'	1.5:1
F-LINE	STA. 90+41.00	TO	90+46.00	2.0' TO 0.0'	1.5:1 TO 3:1



FILE NAME										G:\44430105-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\7_XL6474_PS_DR.dgn									
TIME		8:56:31 AM								REGION NO.		STATE		FED.AID PROJ.NO. SRTS-0500(030)					
DATE		11/18/2022								10		WASH							
PLOTTED BY		prendet																	
DESIGNED BY		T. PRENDERGAST										JOB NUMBER		XL6474					
ENTERED BY		T. PRENDERGAST										22X342							
CHECKED BY		A. ROMANCHOCK										CONTRACT NO.							
PROJ. ENGR.		S. FELL												LOCATION NO.					
REGIONAL ADM.		C. FRANCIS				REVISION				DATE		BY							



SEE SHEET CT1  
DATE

P F STAMP BOY



**Washington State  
Department of Transportation**

SR 500/NE FOURTH PLAIN BLVD  
NE 162ND AVE TO NE 166TH AVE  
SAFE ROUTE TO SCHOOL

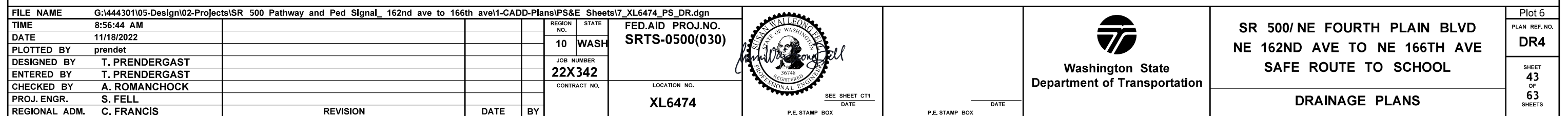
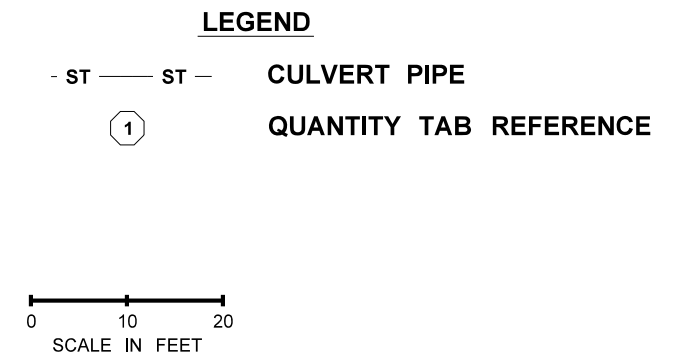
## DRAINAGE PLANS

Plot 3

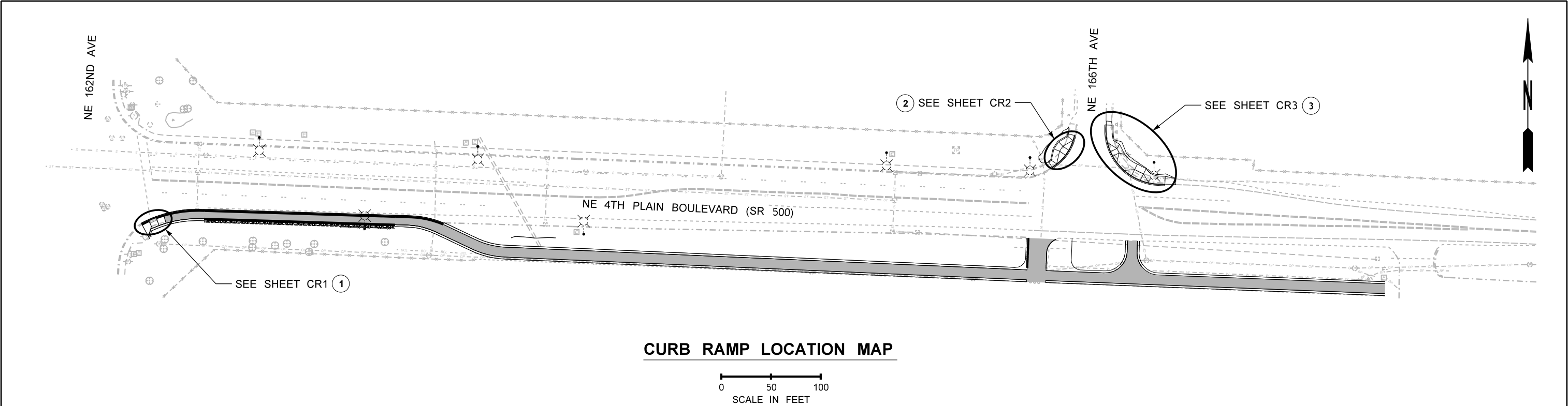
AN REF. NO.  
**DR3**

SHEET  
42  
OF  
63  
SHEETS



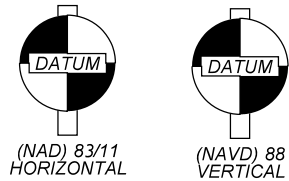






LEGEND			
	EXISTING SIGN		CURB RAMP NUMBER
	EXISTING POWER POLE		SIGN
	EXISTING GUY DOWN ANCHOR		APS
	EXISTING TREE		PEDESTRIAN PUSH BUTTON POST WITH APS
	EXISTING UTILITY BOX		SIGNAL CONTROLLER CABINET
	EXISTING PEDESTRIAN SIGNAL HEAD		PEDESTRAIN SIGNAL HEAD
	EXISTING SIGNAL UNKNOWN		CURB RAMP CENTERLINE
	EXISTING ELECTRICAL BOX		SIDEWALK
	EXISTING LUMINAIRE		SAW CUT LINE
	EXISTING SIDEWALK JOINT		CLEARING AND GRUBBING LINE
	EXISTING CROSSWALK		PROPOSED DETECTABLE WARNING SURFACE
	EXISTING STOP BAR		REMOVAL OF EXISTING SURFACING
	EXISTING FENCE		REMOVAL OF CEMENT CONC. CURB, OR CURB AND GUTTER
	EXISTING EDGE OF PAVEMENT		SEEDING AND FERTILIZING BY HAND WITH TOPSOIL TYPE A
	EXISTING SIDEWALK		
	EXISTING DITCH		
	GABION WALL		

POINT DESCRIPTION	
TC	TOP OF CURB
SB	BACK OF SIDEWALK
CR	CURB RAMP
SW	SIDEWALK
FL	FLOWLINE



GENERAL NOTES:

- JOINTS SHOWN ARE INFORMATIONAL ONLY.
- SLOPES SHALL NOT EXCEED THE MAXIMUM SHOWN IN THE CONTRACT PLANS UNLESS APPROVED BY THE ENGINEER.
- CONTRACTOR SHALL LAY OUT THE CURB RAMP AND SIDEWALK TO BE CONSTRUCTED BEFORE SAW CUTTING AND REMOVAL.
- MONOLITHIC POURS ARE ALLOWED.

FILE NAME		G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\8_XL6474_PS_CR.dgn		REGION NO. STATE		FED.AID PROJ.NO. SRTS-0500(030)		JOB NUMBER 22X342		CONTRACT NO. LOCATION NO. XL6474		Washington State Department of Transportation		SR 500/ NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL		Plot 14 PLAN REF NO CRS1		SHEET 44 OF 63 SHEETS	
TIME	9:06:29 AM																		
DATE	11/18/2022			10	WASH														
PLOTTED BY	prendet																		
DESIGNED BY	T. PRENDERGAST																		
ENTERED BY	T. PRENDERGAST																		
CHECKED BY	A. ROMANCHOCK																		
PROJ. ENGR.	S. FELL																		
REGIONAL ADM.	C. FRANCIS																		
REVISION		DATE		BY										CURB RAMP SCHEDULE					









GENERAL NOTES:

1. THE LOCATIONS OF FEATURES SHOWN IN THE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR AND BE APPROVED BY THE ENGINEER.
2. 120 VAC POWER CONDUCTORS SHALL BE WHITE FOR NEUTRAL, BLACK FOR HOT, AND GREEN FOR GROUND.
3. LOCATES OF EXISTING UNDERGROUND UTILITIES SHALL TAKE PLACE PRIOR TO CALLING FOR THE ENGINEER TO VERIFY STAKING.
4. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER FOR CITY OF VANCOUVER INSPECTORS TO BE PRESENT DURING INSTALLATION OF ALL CABINETS, POLES, CONDUITS, CONDUCTORS AND FOUNDATIONS. ITEMS INSTALLED OUTSIDE OF THE PRESENCE OF A CITY OF VANCOUVER ELECTRICAL INSPECTOR ARE SUBJECT TO REJECTION.
5. CONDUITS SHALL BE PLACED UNDER EXISTING PAVEMENT BY APPROVED DIRECTIONAL BORING OR DRILLING METHODS AT LOCATIONS APPROVED BY THE ENGINEER. UNLESS NOTED OTHERWISE ON THE PLAN SHEET.
6. CONTRACTOR SHALL USE CAUTION NEAR EXISTING EQUIPMENT AND UTILITIES. ADDITIONAL HANDWORK MAY BE REQUIRED.
7. UPON COMPLETION, ALL EXPOSED SOIL AROUND THE CABINETS AND POLES SHALL BE GRADED TO MATCH THE SURROUNDING AREA AND SHALL BE SEEDED PER CONTRACT SPECIFICATION.
8. ELECTRICAL SERVICES SHALL BE COMPLETELY INSTALLED AND OPERATIONAL BEFORE DISCONNECTING EXISTING SERVICE AND CIRCUITS.
9. NEW FOUNDATIONS SHALL HAVE AN "IDENTIFICATION TAG". REFER TO STANDARD PLAN J-26.15 FOR SIGNAL FOUNDATIONS ID TAG DETAILS.
10. ALL UNUSED CONDUCTORS SHALL BE REMOVED AND DISPOSED FROM EXISTING CONDUITS.
11. DURING HOURS OF DARKNESS AND/OR INCLEMENT WEATHER THE CONTRACTOR SHALL MAINTAIN EXISTING LIGHTING LEVELS THROUGHOUT THE PROJECT. HOURS OF DARKNESS ARE DEFINED AS ½ HOUR PRIOR TO SUNSET AND ½ HOUR AFTER SUN RISE. ELECTRICAL HOT WORK IS NOT PERMITTED.
12. ALL JUNCTION BOXES INSTALLED OUTSIDE OF THE ROADWAY SHALL HAVE A 1'Wx1'D CONCRETE COLLAR AROUND THE PERIMETER OF THE JUNCTION BOX. REFER TO STD. PLAN J-40.01
13. A REPRESENTATIVE FROM THE APS MANUFACTURER SHALL BE ON-SITE OR PROVIDE FIELD ASSISTANCE TO THE CONTRACTOR IN FULLY SETTING UP, TERMINATING ALL APPROPRIATE CABLES/WIRES, AND CONFIGURING THE APS BUTTONS PRIOR TO TURN ON.
14. A REPRESENTATIVE FROM FLIR AND Q-FREE SHALL BE PRESENT AT THE TIME OF INSTALLATION AND DEMONSTRATE FUNCTIONALITY OF THEIR RESPECTIVE PRODUCTS. UP TO 30 DAYS AFTER INSTALLATION AND SYSTEM ACTIVATION, REPRESENTATIVES SHALL BE AVAILABLE TO CORRECT ANY UNFORESEEN ISSUES WITHIN 72 HOURS
15. SEE SPECIAL PROVISIONS FOR SPECIFIED PRODUCTS AND/OR MANUFACTURERS
16. COORDINATE WITH DUSTIN BRIGGS (360-619-0670) FOR DELIVERY OF REMOVED ASSETS.

**CONSTRUCTION REMOVAL NOTES:**

1	DISCONNECT AND PULL BACK EXISTING #8 WIRES AND PRESERVE. REMOVE AND DISPOSE OF EXISTING LUMINAIRE FOUNDATION, STANDARD, AND MAST ARM. BACKFILL TO EXISTING GRADE. SEE CN1 FOR DELIVERY INSTRUCTIONS FOR LUMINAIRE STANDARD AND MAST ARM.
2	REMOVE AND DISPOSE OF EXISTING JUNCTION BOX AND SWEEPS AND EXTEND CONDUIT TO NEW LUMINAIRE. PRESERVE EXISTING CONDUIT AND CONDUCTORS.

## LEGEND

**NEW**

TYPE III SIGNAL POLE

SIGN

TYPE 1 JUNCTION BOX

TYPE 2 JUNCTION BOX

TYPE 8 JUNCTION BOX

SERVICE CABINET

CONDUIT

WIRE NOTE

CONSTRUCTION NOTE

PEDESTRIAN PUSH BUTTON

PEDESTRIAN SIGNAL

CONTROLLER CABINET

SIGNAL HEAD

OVERHEAD SIGN

POLE NOTE

EMERGENCY PREEMPTION DETECTOR

FLIR SENSOR

WIRELESS ETHERNET RADIO

**LEGEND**

**EXISTING**

SERVICE CABINET

SIGN

LUMINAIRE POLE



TYPE III SIGNAL POLE

TYPE 2 JUNCTION BOX

CONTROLLER CABINET

CONDUIT


The legend is organized into two main sections: 'NEW' and 'EXISTING'. Each section contains a list of symbols and their corresponding descriptions. The 'NEW' section includes symbols for a Type III signal pole, various types of junction boxes (Type 1, 2, 8), service cabinets, conduits, wire and construction notes, pedestrian push buttons and signals, controller cabinets, signal heads, overhead signs, pole notes, emergency preemption detectors, FLIR sensors, and wireless ethernet radios. The 'EXISTING' section includes symbols for service cabinets, signs, luminaire poles, Type III signal poles, Type 2 junction boxes, controller cabinets, and conduits. Each symbol is represented by a small icon or diagram, and the descriptions are listed to the right of the symbols.

FILE NAME G:\Traffic\TRAFFIC DESIGN\01-ACTIVE DESIGN FILES\XL6474 - SR 500, Safe Route to School\CADD\Sheet Files\XL6474_PS_SG.dgn										 <div>SEE SHEET CT1</div> <div>DATE</div> <div>P.E. STAMP BOX</div>	<div>DATE</div> <div>P.E. STAMP BOX</div>	 <div>Washington State</div> <div>Department of Transportation</div>	Plot 2	PLAN REF NO <b>CN1</b>
TIME 8:14:29 AM				REGION NO. STATE		FED.AID PROJ.NO.								
DATE 11/28/2022				10 WASH		SRTS-0500(030)								
PLOTTED BY FuestM						JOB NUMBER							SHEET <b>48</b> OF <b>63</b> SHEETS	
DESIGNED BY M. FUEST						22X342								
ENTERED BY M. FUEST						CONTRACT NO.		LOCATION NO.						
CHECKED BY K. WACHTER										CONSTRUCTION NOTES				
PROJ. ENGR. S. LANGER														
REGIONAL ADM. C. FRANCIS		REVISION		DATE		BY								

	WIRING SCHEDULE:		
	CONDUIT	CONDUCTOR SIZE	REMARKS
1	2"	1-2CS	PED BUTTON
		1-5C	PED SIGNAL
2	2"	1-4CS	EMERGENCY PREEMPTION DETECTION
		1-2CS	EMERGENCY PREEMPTION CONFIRMATION LIGHT
		2-5C	HAWK SIGNAL
		1-CAT6 23 AWG	RADIO COMMUNICATIONS
	1 1/2"	2-#8	ILLUMINATION
3	2"		SPARE
		2-5C	HAWK SIGNAL
		1-2CS	PED BUTTON
		1-4CS	EMERGENCY PREEMPTION DETECTION
		1-2CS	EMERGENCY PREEMPTION CONFIRMATION LIGHT
		1-5C	PED SIGNAL
		1-CAT6 23 AWG	RADIO COMMUNICATIONS
	2"	2-#8	ILLUMINATION
4	2"		SPARE
		2-5C	HAWK SIGNAL
		2-2CS	PED BUTTON
		2-5C	PED SIGNAL
		1-4CS	EMERGENCY PREEMPTION DETECTION
		1-2CS	EMERGENCY PREEMPTION CONFIRMATION LIGHT
		3/C #18	FLIR SENSOR
		1-CAT6 23 AWG	RADIO COMMUNICATIONS
	1 1/2"	2-#8	ILLUMINATION
	2"		SPARE
5	1 1/2"	3/C #18	FLIR SENSOR
6	MAST ARM	4-5C	HAWK SIGNAL
		1-4CS	EMERGENCY PREEMPTION DETECTION
		1-2CS	EMERGENCY PREEMPTION CONFIRMATION LIGHT
		1-CAT6 23 AWG	RADIO COMMUNICATIONS
7	MAST ARM	3-5C	HAWK SIGNAL
		1-4CS	EMERGENCY PREEMPTION DETECTION
		1-2CS	EMERGENCY PREEMPTION CONFIRMATION LIGHT
		1-CAT6 23 AWG	RADIO COMMUNICATIONS
8	MAST ARM	3-5C	HAWK SIGNAL
		1-CAT6 23 AWG	RADIO COMMUNICATIONS
9	MAST ARM	2-5C	HAWK SIGNAL
		1-CAT6 23 AWG	RADIO COMMUNICATIONS
10	MAST ARM	2-5C	HAWK SIGNAL
11	MAST ARM	1-5C	HAWK SIGNAL
12	1 1/2"	2-#8	LUMINAIRE
13	2"	3-#4	CABINET POWER
14	2"	6-#8	EXISTING LUMINAIRE
15	EXIST.	1-CAT6 23 AWG	RADIO COMMUNICATIONS
16	EXIST.	3/C #18	FLIR SENSOR
		2-#8	EXISTING ILLUMINATION


NOTES:

1. BOTH THE HAWK SIGNAL AND THE FLIR TRAFISENSE2 690 SHALL BE WIRED PER MANUFACTURERS RECOMMENDATION.

	CONSTRUCTION NOTES:
1	REMOVE EXISTING ELECTRICAL SERVICE CABINET, PULL BACK EXISTING CONDUCTORS TO NEAREST JUNCTION BOX AND PRESERVE, REROUTE TO NEW SERVICE CABINET. BACKFILL REMAINING HOLES WITH NATIVE OR APPROVED MATERIAL. SEE CN1 FOR DELIVERY INSTRUCTIONS FOR SERVICE CABINET.
2	CONSTRUCT FOUNDATION FOR A FIXED BASE PS POLE PER CITY OF VANCOUVER STD. DETAIL T20-16. FURNISH AND INSTALL A PS POLE, PEDESTRIAN PLAQUE, APS PUSH BUTTON, LED PEDESTRIAN COUNTDOWN SIGNAL WITH TYPE "D" MOUNT. SEE STD PLAN J-75.10 AND CITY OF VANCOUVER DETAIL T20-05 FOR DETAILS.
3	CONSTRUCT A MULTI CABINET FOUNDATION PER CITY OF VANCOUVER DETAILS T20-38B & T20-38E. FURNISH AND INSTALL A TRAFFIC SIGNAL SERVICE CABINET PER T20-39A, T20-39B, AND T20-41. INSTALL A CONTACTOR IN SERVICE CABINET. INTERCEPT EXISTING CONDUIT FROM EXISTING SERVICE CABINET AND EXTEND TO NEW SERVICE CABINET. SEE APPENDIX E FOR CLARK COUNTY PUD DRAWINGS.
4	FURNISH AND INSTALL A TYPE "M" HAWK CABINET PER CITY OF VANCOUVER DETAILS T20-46A THRU T20-46E, T20-44, AND T20-45A ON SAME FOUNDATION AS NEW SERVICE CABINET. INSTALL CABINET, Q-FREE XN-2 CONTROLLER WITH MAXTIME SOFTWARE AND MAXVIEW/KINETIC SIGNALS CENTRAL LICENSE, A RUGGEDCOM RS900G AND ALL ASSOCIATED EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION. CABINET FOUNDATION SHALL EXTEND 4' OUTWARD BEYOND THE CABINETS ON ALL SIDES. CABINET DOORS SHALL FACE IN A MANNER SO THE HAWK SIGNAL CAN BE SEEN FROM FRONT OF CABINET.
5	CONSTRUCT A TYPE III SIGNAL FOUNDATION PER WSDOT STD. PLAN J-26.10. FURNISH AND INSTALL A TYPE III SIGNAL POLE, TRAFFIC SIGNAL MAST ARM, 16' LUMINAIRE MAST ARM, LED LUMINAIRE, HAWK SIGNAL HEADS, SIGNAL HEAD TYPE "M" MOUNTS, PRE-EMPTION INDICATOR LIGHT AND DETECTOR, AND ALL ASSOCIATED EQUIPMENT PER CONTRACT PLANS AND SPECIAL PROVISIONS. SEE APPENDIX B FOR THE SUMMARY OF GEOTECHNICAL CONDITIONS.
6	INTERCEPT EXISTING CONDUIT FROM EXISTING LUMINAIRE POLE AND INSTALL SWEEPS. CONTRACTOR SHALL VERIFY EXISTING CONDUIT SIZE PRIOR TO PROCURING MATERIALS.
7	CONSTRUCT FOUNDATION FOR A LUMINAIRE STANDARD PER STD. PLAN J-28.30. FURNISH AND INSTALL A NEW LUMINAIRE STANDARD, 16' LUMINAIRE MAST ARM, AND LED LUMINAIRE PER STD. PLANS J-28.10, J-28.24, J-28.40, J-28.50, AND J-28.70. PULL IN EXISTING WIRES AND SPLICE NEW AND EXISTING WIRES IN NEW JUNCTION BOX.
8	FURNISH AND INSTALL A FLIR TRAFISENSE2 690 SENSOR ON THE EXISTING LUMINAIRE ARM PER CITY OF VANCOUVER DETAIL T20-37B AND MANUFACTURER'S RECOMMENDATIONS. A FLIR TI BPL2 EDGE BIU/SIU, POWER SUPPLY, SHELF MOUNT CARD RACK, AND SDLC CABLE SHALL BE INSTALLED IN THE 'M' HAWK CABINET. SEE SPECIAL PROVISION FOR HARDWARE INFORMATION.
9	FURNISH AND INSTALL A WIRELESS ETHERNET RADIO WITH INTEGRATED ANTENNA COMPLETE SYSTEM (ENCOM E-LITE 450 OR APPROVED EQUAL) ONTO THE MAST ARM PER THE MANUFACTURER'S RECOMMENDATIONS. CONNECT CABLE TO ETHERNET SWITCH IN CONTROLLER CABINET.
10	REMOVE EXISTING LUMINAIRE BULB AND REPLACE WITH LED 400W EQV. SEE SPECIAL PROVISIONS FOR MANUFACTURER INFORMATION. SEE CN1 FOR DELIVERY INSTRUCTIONS FOR EXISTING BULB.
11	RE-ORIENT EXISTING LUMINAIRE ARM AS SHOWN ON SG1


TRAFFIC SIGNAL SERVICE CABINET				
				120/240
CIRCUIT	MAIN BREAKER	BRANCH BREAKER	VOLTAGE	DESCRIPTION
--	200A		240V	MAIN
A		30A	120V	ILLUMINATION
B		60A	120V	SIGN. CABINET
C		20A	120V	SPARE
D		20A	120V	GFCI

FILE NAME G:\Traffic\TRAFFIC DESIGN\01-ACTIVE DESIGN FILES\XL6474 - SR 500, Safe Route to School\CADD\Sheet Files\XL6474_PS_SG.dgn										Plot 6					
TIME	8:14:42 AM					REGION NO.	STATE	FED.AID PROJ.NO. SRTS-0500(030)		PLAN REF NO					
DATE	11/28/2022					10	WASH			CN2					
PLOTTED BY	FuestM					JOB NUMBER		LOCATION NO.		SHEET 49 OF 63 SHEETS					
DESIGNED BY	M. FUEST					22X342									
ENTERED BY	M. FUEST					CONTRACT NO.									
CHECKED BY	K. WACHTER														
PROJ. ENGR.	S. LANGER									CONSTRUCTION/WIRING NOTES					
REGIONAL ADM.	C. FRANCIS	REVISION		DATE	BY										



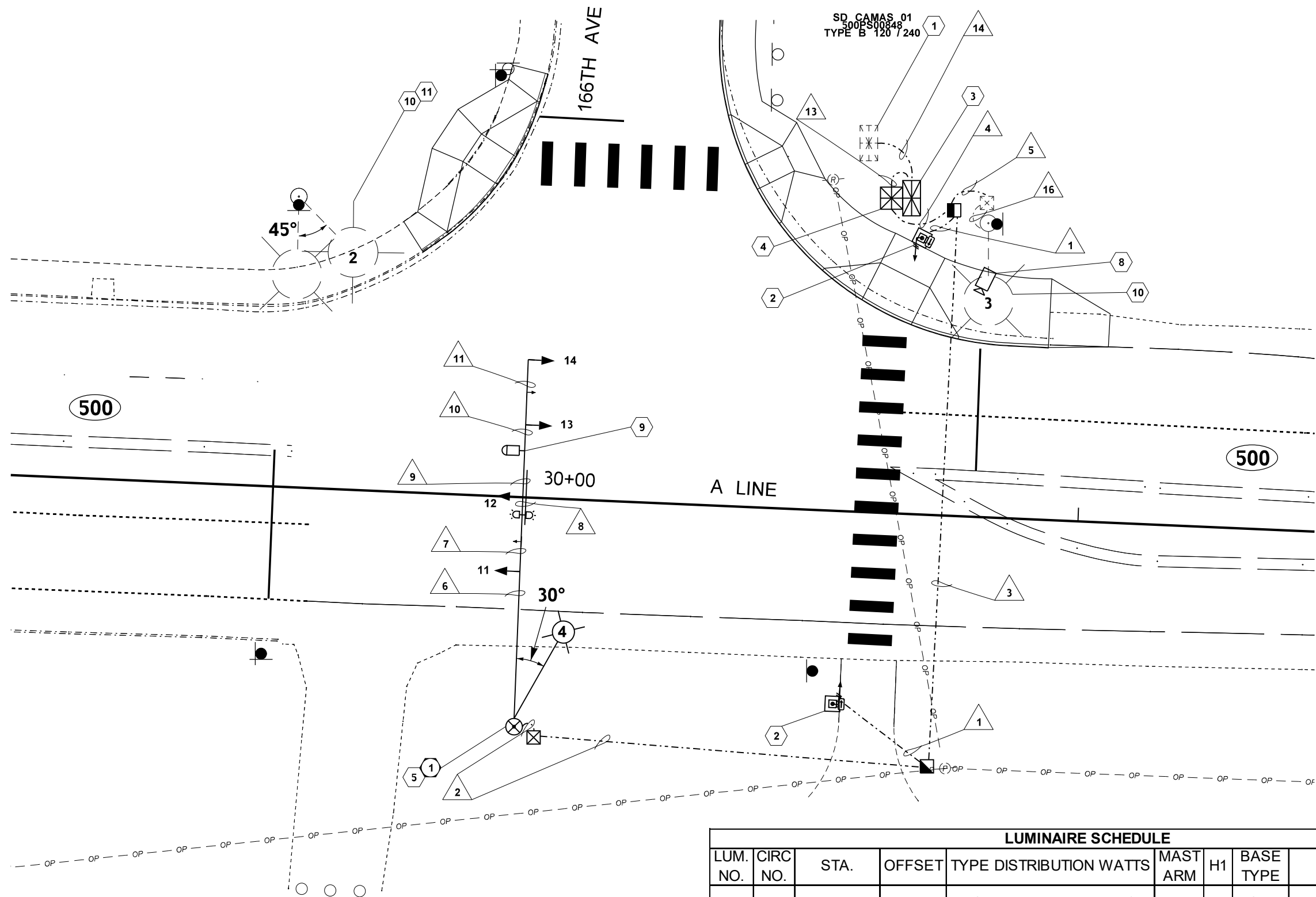
SEE SHEET CT1  
DATE \_\_\_\_\_  
P.E. STAMP BOX

DATE \_\_\_\_\_  
P.E. STAMP BOX



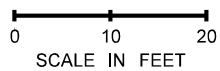
Washington State  
Department of Transportation

SR 500/NE FOURTH PLAIN BLVD  
NE 162ND AVE TO NE 166TH AVE  
SAFE ROUTE TO SCHOOL





NOTES:

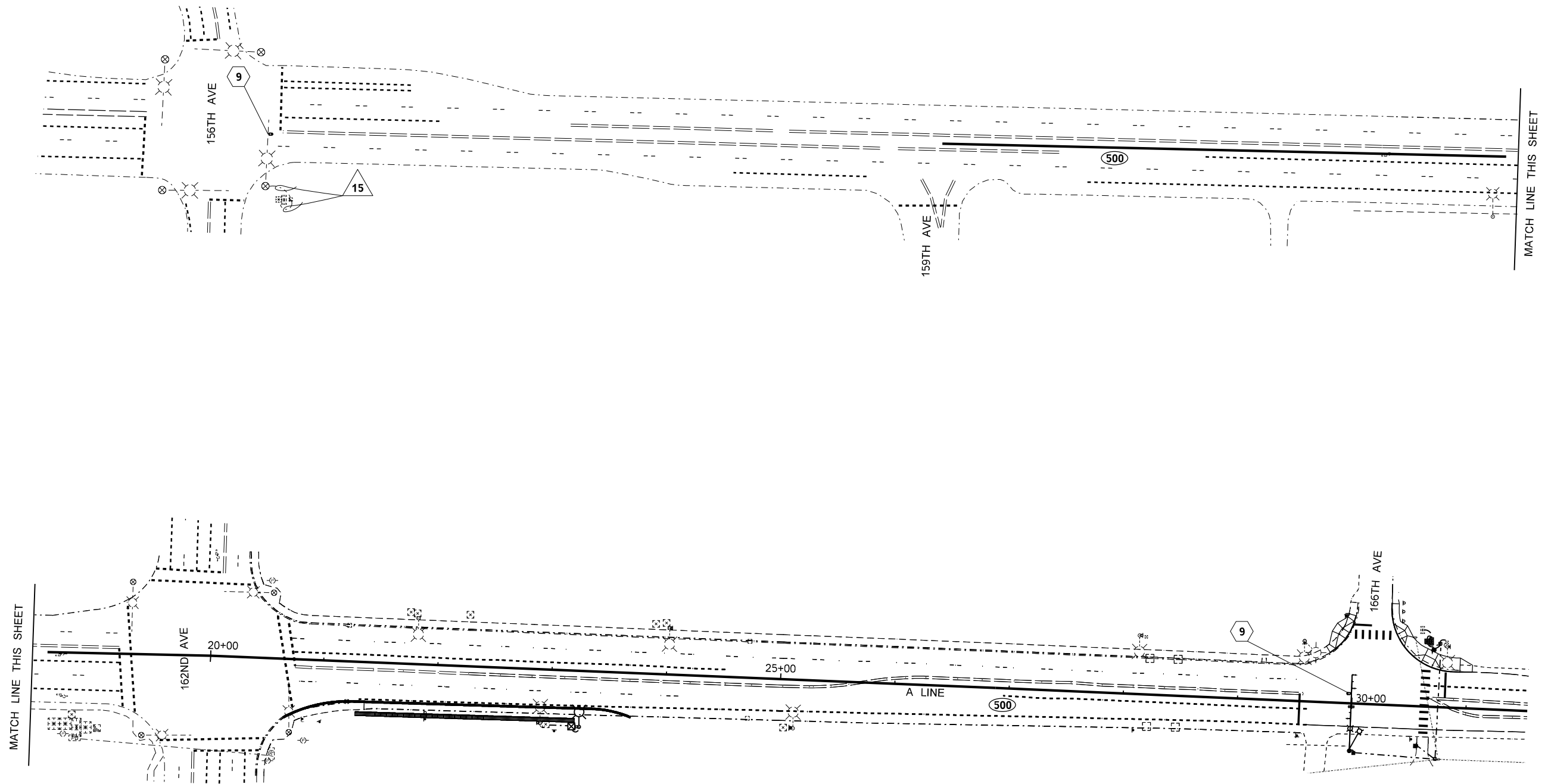
1. SEE SHEET CN1-CN2 FOR LEGEND, WIRE, CONSTRUCTION, AND GENERAL NOTES
2. SEE SHEET SG2 FOR RADIO COMMUNICATION INSTALLATION
3. SEE CITY OF VANCOUVER DETAIL T20-11A FOR PRE-EMPTION INDICATOR LIGHT AND DETECTOR DETAILS



LUMINAIRE SCHEDULE								
LUM. NO.	CIRC NO.	STA.	OFFSET	TYPE DISTRIBUTION WATTS	MAST ARM	H1	BASE TYPE	COMMENT
2		A 29+57	52' LT	EXIST. II - MED - LED 400W EQV.	16'	40'	SLIP	
3		A 30+82	53' LT	EXIST. II - MED - LED 400W EQV.	16'	40'	SLIP	
4		A 29+99	42' RT	TYPE III SIGNAL - LED 400W EQV.	16'	40'	FIXED	

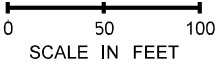
FILE NAME G:\Traffic\TRAFFIC DESIGN\01-ACTIVE DESIGN FILES\XL6474 - SR 500, Safe Route to School\CADD\Sheet Files\XL6474_PS_SG.dgn										 <div>SEE SHEET CT1</div> <div>DATE</div> <div>P.E. STAMP BOX</div>	<div>DATE</div> <div>P.E. STAMP BOX</div>	 Washington State Department of Transportation	SR 500/NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL	Plot 1
TIME 8:14:26 AM				REGION NO. STATE	FED.AID PROJ.NO. SRTS-0500(030)	PLAN REF NO								
DATE 11/28/2022				10 WASH		SG1								
PLOTTED BY FuestM				JOB NUMBER										
DESIGNED BY M. FUEST				22X342		SHEET								
ENTERED BY M. FUEST				CONTRACT NO.	LOCATION NO.	50								
CHECKED BY K. WACHTER						OF								
PROJ. ENGR. S. LANGER						63								
REGIONAL ADM. C. FRANCIS						SHEETS								
		REVISION	DATE	BY			HAWK SIGNAL							







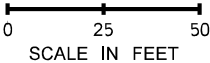
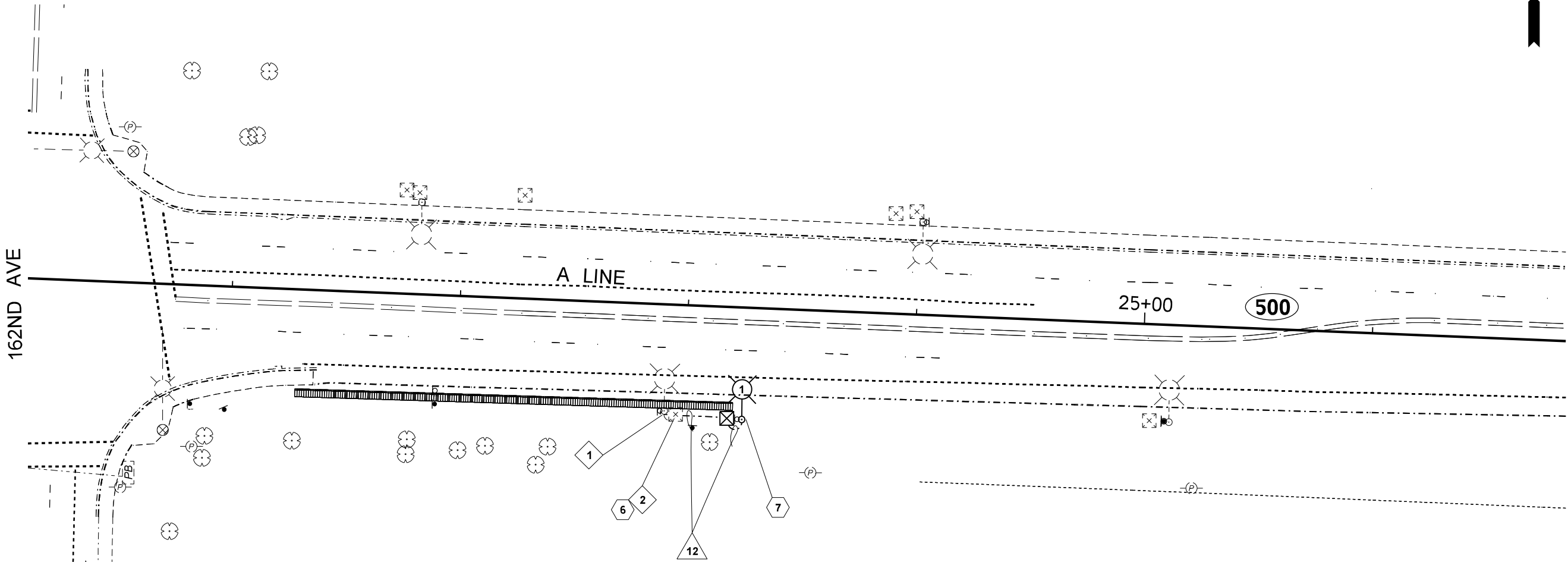
NOTES:

- 1. THIS DRAWING PROVIDES A SCHEMATIC ONLY OF THE COMMUNICATIONS SYSTEM. ALL JUNCTION BOXES AND CONDUITS MAY NOT BE SHOWN ON THIS PLAN.
- 2. THE INSTALLATION OF COMMUNICATION EQUIPMENT REQUIRES COORDINATION WITH CITY OF VANCOUVER TRAFFIC TECHNICIANS. COORDINATE WITH KEVAN BATTAN, (360)771-6131, A MINIMUM OF TEN (10) WORKING DAYS IN ADVANCE OF BEGINNING INSTALLATION



FILE NAME G:\Traffic\TRAFFIC DESIGN\01-ACTIVE DESIGN FILES\XL6474 - SR 500, Safe Route to School\CADD\Sheet Files\XL6474_PS_SG.dgn											<div>SEE SHEET CT1 DATE</div> <div>P.E. STAMP BOX</div>	<div>DATE</div> <div>P.E. STAMP BOX</div>	 <div>Washington State Department of Transportation</div>	SR 500/NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL			Plot 16
TIME 8:21:23 AM						FED.AID PROJ.NO. SRTS-0500(030)	PLAN REF NO SG2										
DATE 11/28/2022						10 WASH											
PLOTTED BY FuestM						JOB NUMBER 22X342											
DESIGNED BY M. FUEST						CONTRACT NO.	LOCATION NO.										
ENTERED BY M. FUEST																	
CHECKED BY K. WACHTER																	
PROJ. ENGR. S. LANGER								SHEET 51 OF 63 SHEETS									
REGIONAL ADM. C. FRANCIS		REVISION		DATE	BY			COMMUNICATIONS PLAN									

LUMINAIRE SCHEDULE								
LUM. NO.	CIRC NO.	STA.	OFFSET	TYPE DISTRIBUTION WATTS	MAST ARM	H1	BASE TYPE	COMMENT
1		A 23+23	49' RT	II - MED - LED 250W EQV.	16'	40'	FIXED	



FILE NAME				G:\Traffic\TRAFFIC DESIGN\01-ACTIVE DESIGN FILES\XL6474 - SR 500, Safe Route to School\CADD\Sheet Files\XL6474_PS_SG.dgn									
TIME		8:18:36 AM						REGION NO.		STATE		FED.AID PROJ.NO. SRTS-0500(030)	
DATE		11/28/2022						10		WASH			
PLOTTED BY		FuestM								JOB NUMBER			
DESIGNED BY		M. FUEST								22X342			
ENTERED BY		M. FUEST											
CHECKED BY		K. WACHTER								CONTRACT NO.		LOCATION NO.	
PROJ. ENGR.		S. LANGER											
REGIONAL ADM.		C. FRANCIS											
				REVISION				DATE		BY			



SEE SHEET CT1  
DATE

P.E. STAMP BOX



SR 500/NE FOURTH PLAIN BLVD  
NE 162ND AVE TO NE 166TH AVE  
SAFE ROUTE TO SCHOOL

ILLUM. RELOCATION PLAN

Plot 14

PLAN REF NO  
IL1

SHEET  
52  
OF  
63  
SHEETS

a. VEHICLE DISPLAY	f. RADIO
b. MAST ARM MTD. SIGN	g. PEDESTRIAN DISPLAY
c. STREET NAME SIGN	h. TERMINAL CABINET
d. PRE-EMPTY DETECTOR	i. APS PPB-M
e. POST MTD. SIGN	j. HANDHOLE

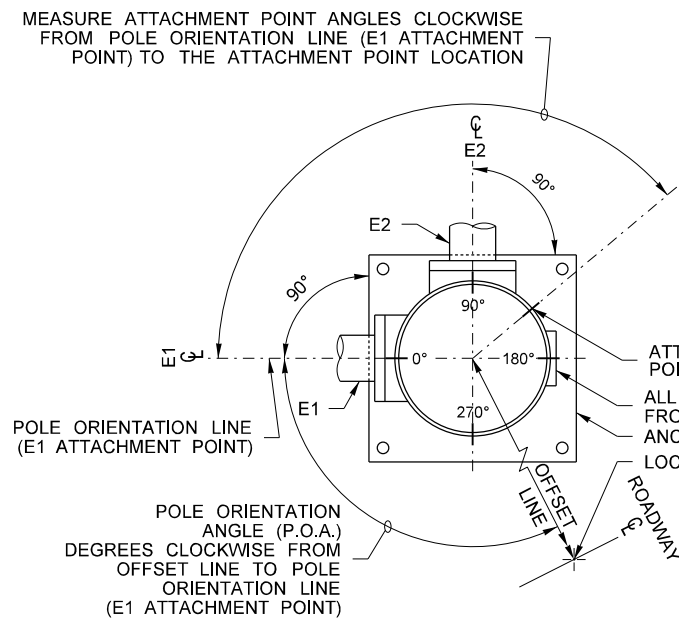
STD. NO. XX	SIGNAL STANDARD NO.	STD. NO. 02
SRXXX, MP XXX.XX	STATE ROUTE AND MILE POST NO.	SR97, MP 069.09
MANUFACTURER	APPROVED DRAWING NO.	MANUFACTURER
APPROVED DWG. XXXXXX		APPROVED DWG. AB12345
FAB. X/XX/XXXX	FABRICATION DATE	FAB. 6/14/2002

EXAMPLE

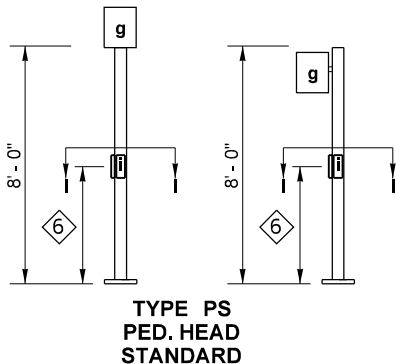
CORROSION RESISTANT METAL TAG SECURED WITH (2) 0.125" RIVETS AS FOLLOWS:  
- POLE SHAFT - LOCATED WITHIN 6" ABOVE HAND HOLE (TYPE II & III).  
- SIGNAL AND LUMINAIRE MAST ARM (TYPE II & III) - LOCATED WITHIN 6" OF THE LUMINAIRE ARM AND THE POLE SHAFT CONNECTION POINT (TYPE III).  
TEXT SHALL BE A MINIMUM OF 3/16" HIGH, STAMPED OR EMBOSSED.

LUMINAIRE MAST ARM X Y Z (ft <sup>3</sup> )	
MAST ARM LENGTH	X Y Z (ft <sup>3</sup> )
6'	19.8
8'	26.4
10'	33.0
12'	39.6
14'	46.2
16'	52.8

STANDARD TYPE		STANDARD PLAN REFERENCES			
		POLE	FOUNDATION		ELECTRICAL
			STANDARD	CURB	
PPB	FIXED	J-20.10	J-20.10	J-20.11	J-20.10
	BREAKAWAY	J-20.15	J-20.15		J-20.15
PS		J-20.16	J-21.10		J-20.20
I		J-21.15	J-21.10		J-21.20
II, III, SD		N/A	J-26.10, J-26.15	N/A	N/A

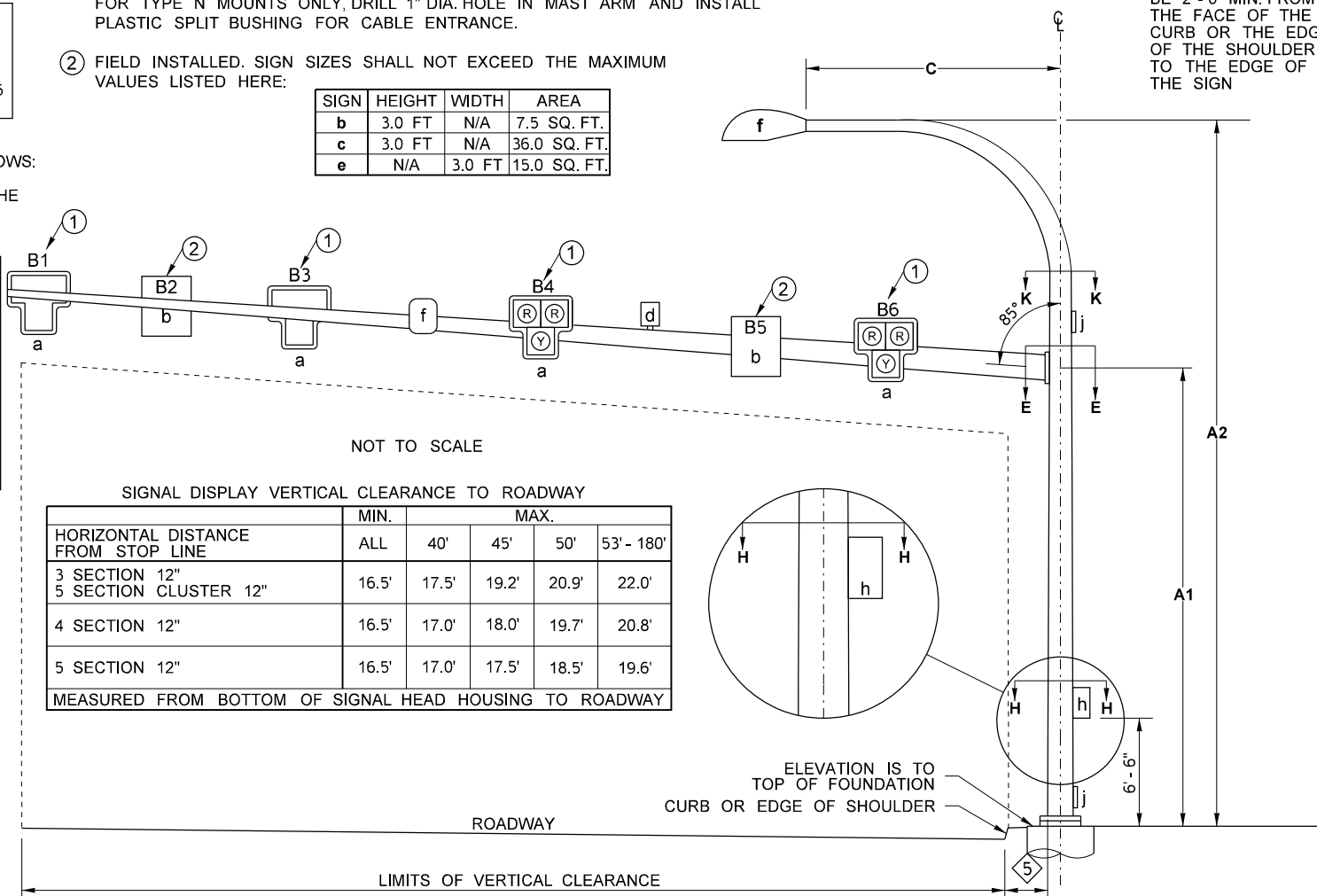


6 3' - 6"  
MEASURED FROM  
SIDEWALK SURFACE  
TO CENTER OF  
PEDESTRIAN  
PUSH BUTTON



- ① MOUNTING COUPLING INSTALLED AT OFFSET DISTANCE INDICATED IN CHART. FOR TYPE N MOUNTS ONLY, DRILL 1" DIA. HOLE IN MAST ARM AND INSTALL PLASTIC SPLIT BUSHING FOR CABLE ENTRANCE.
- ② FIELD INSTALLED. SIGN SIZES SHALL NOT EXCEED THE MAXIMUM VALUES LISTED HERE:



SIGN	HEIGHT	WIDTH	AREA
<b>b</b>	3.0 FT	N/A	7.5 SQ. FT.
<b>c</b>	3.0 FT	N/A	36.0 SQ. FT.
<b>e</b>	N/A	3.0 FT	15.0 SQ. FT.

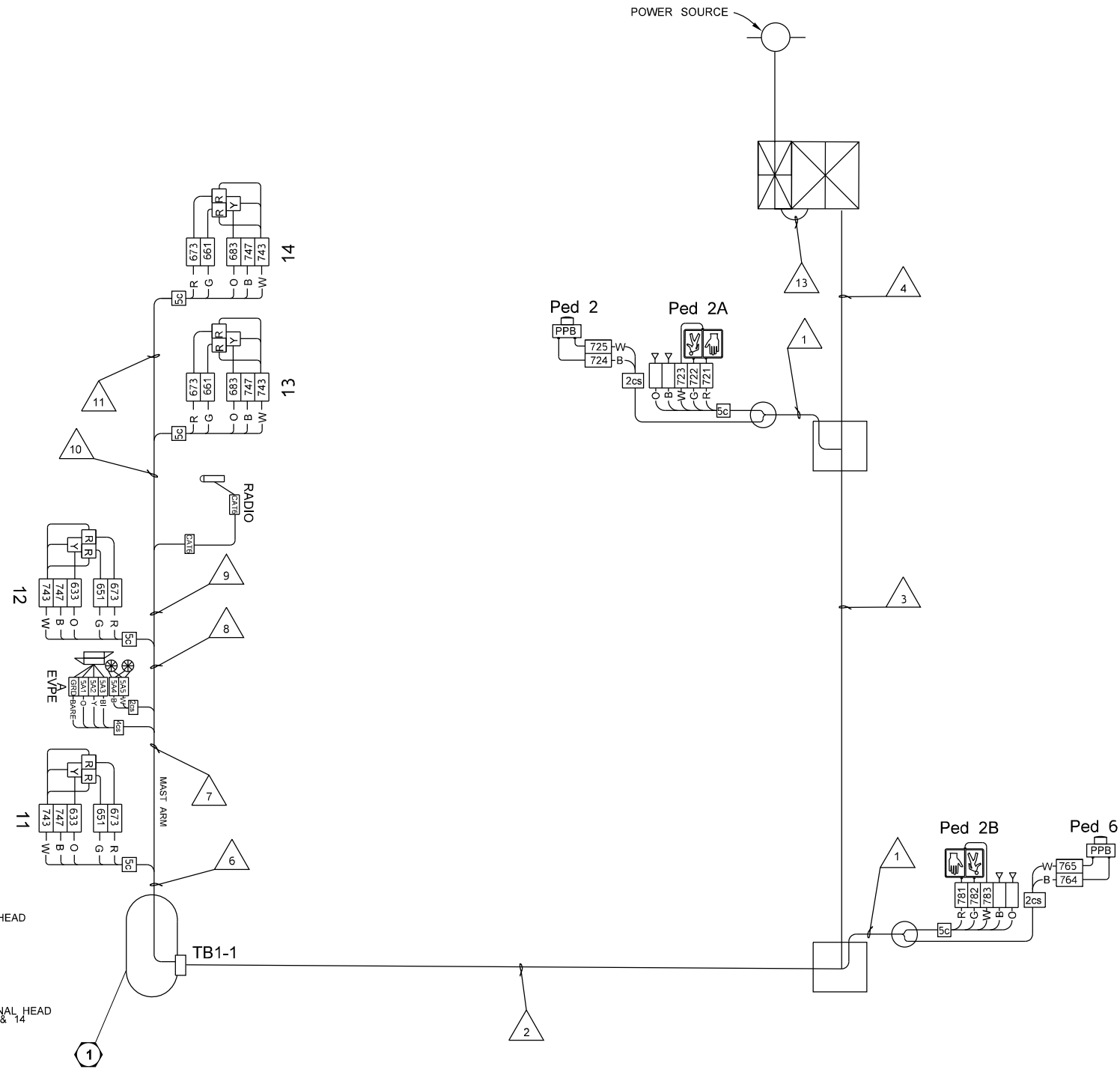
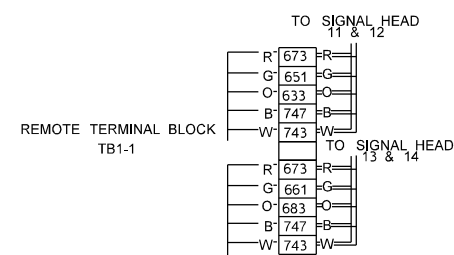
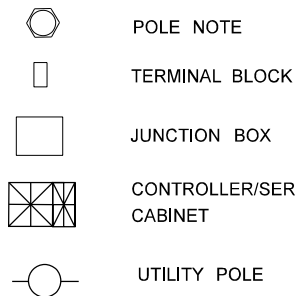




5 PLACEMENT SHALL BE 2'-0" MIN. FROM FACE OF CURB OR EDGE OF SHOULDER; 3'-0" MIN. FROM FACE OF GUARDRAIL; 4'-0" MIN. FROM CONC. BARRIER TYPE 2 (MEASURED FROM A POINT WHERE THE BARRIER BASE MEETS THE SHOULDER SURFACE (TOE). MEASUREMENT TAKEN FROM TRAFFIC SIDE OF BARRIER TO FACE OF POLE)

[illegible]

**\*\*CALCULATED POLE XYZ (FT<sup>3</sup>) IS THE SUM OF THE TOTAL XYZ (FT<sup>3</sup>) FOR THE SIGNAL ARM AND THE XYZ (FT<sup>3</sup>) FOR THE LUMINAIRE ARM (IF PRESENT).**

FILE NAME G:\Traffic\TRAFFIC DESIGN\01-ACTIVE DESIGN FILES\XL6474 - SR 500, Safe Route to School\CADD\Sheet Files\XL6474_PS_SG.dgn										<div></div> <div>SEE SHEET CT1 DATE _____</div> <div>P.E. STAMP BOX _____</div>		<div></div> <div>Washington State Department of Transportation</div>		Plot 4 PLAN REF NO SR 500/NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL		SHEET 53 OF 63 SHEETS	
TIME	8:14:36 AM				REGION NO.	STATE	FED.AID PROJ.NO. SRTS-0500(030)										
DATE	11/28/2022				10	WASH											
PLOTTED BY	FuestM				JOB NUMBER												
DESIGNED BY	M. FUEST				22X342												
ENTERED BY	M. FUEST				CONTRACT NO.												
CHECKED BY	K. WACHTER				LOCATION NO.		SR 500/NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL										
PROJ. ENGR.	S. LANGER																
REGIONAL ADM.	C. FRANCIS		REVISION	DATE	BY	SIGNAL STANDARD DETAIL											



FILE NAME G:\Traffic\TRAFFIC DESIGN\01-ACTIVE DESIGN FILES\XL6474 - SR 500, Safe Route to School\CADD\Sheet Files\XL6474_PS_SG.dgn										<div></div> <div>SEE SHEET CT1 DATE _____</div> <div>P.E. STAMP BOX _____</div>		<div>DATE _____</div> <div>P.E. STAMP BOX _____</div>		<div></div> <div>Washington State Department of Transportation</div>		SR 500/NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL		Plot 3	
TIME 8:14:33 AM				REGION NO. 10		STATE WASH		FED.AID PROJ.NO. SRTS-0500(030)										PLAN REF NO DT2	
DATE 11/28/2022																			
PLOTTED BY FuestM																			
DESIGNED BY M. FUEST																			
ENTERED BY M. FUEST						JOB NUMBER 22X342													
CHECKED BY K. WACHTER						CONTRACT NO.		LOCATION NO.											
PROJ. ENGR. S. LANGER																			
REGIONAL ADM. C. FRANCIS		REVISION		DATE		BY													
												WIRE DIAGRAM		SHEET 54 OF 63 SHEETS					

# SIGN INSTALLATION SPECIFICATIONS

SIGN NO.	SIGN CODE	SIGN DESCRIPTION	STA. LOC. (or MP)	SIGN SIZE		SHEETING TYPE	LETTER SIZE OR CODE	POST MATERIAL	POST SIZE	POST LENGTH				CLEARANCE		REMARKS
				X	Y					H1	H2	H3	H4	V	W	
1	R9-7P	SHARED USE PATH	20+82 52' RT	12"	18"	III or IV	SEE REMARKS	STEEL		12'						SEE SHEET SD1 FOR DETAIL
2	I1-301 MOD	COV WETLAND BUFFER	20+97 54' RT	24"	15"	III or IV	SEE REMARKS	STEEL	2" SQ.	6'						
3	W4-2L	PAVEMENT WIDTH TRANSITION LEFT	21+89 48' RT	36"	36"	III or IV	STANDARD	LUM POLE	N/A	N/A						
4	I1-301 MOD	COV WETLAND BUFFER	23+03 54' RT	24"	15"	III or IV	SEE REMARKS	STEEL	2" SQ.	6'						
5	M1-701	STATE ROUTE 500 EAST	25+09 42' RT	24"	36"	III or IV	STANDARD	LUM POLE	N/A	N/A						MOUNT ON EXISTING LUMINAIRE
6	W11-2	PEDESTRIAN CROSSING	28+09 32' RT	36"	36"	III or IV	STANDARD	STEEL	2.5" SQ.	12'						
7	W16-9P	AHEAD	28+09 32' RT	30"	18"	III or IV	STANDARD									MOUNT BELOW SIGN NO. 6
8	R1-5C	STOP HERE FOR PEDS	29+52 30' RT	36"	36"	III or IV	STANDARD	STEEL	2.5" SQ.	10'						
9	R9-3A	NO PED SYMBOL	29+52 30' RT	24"	24"	III or IV	STANDARD									ORIENT SIGN TOWARDS PATH
10	R9-3BR	USE CROSSWALK RIGHT	29+52 30' RT	18"	12"	III or IV	STANDARD									ORIENT SIGN TOWARDS PATH
11	R10-23A	CROSSWALK STOP ON RED PROCEED ON FLASHING RED WHEN CLEAR	29+98 8' RT	30"	36"	IX or XI	SEE REMARKS	MAST ARM	N/A							SEE SHEET SD1 FOR SIGN DETAIL
12	R10-23A	CROSSWALK STOP ON RED PROCEED ON FLASHING RED WHEN CLEAR	29+98 19' LT	30"	36"	IX or XI	SEE REMARKS	MAST ARM	N/A							SEE SHEET SD1 FOR SIGN DETAIL
13	W11-2	PEDESTRIAN CROSSING	30+52 29' RT	36"	36"	III or IV	STANDARD	STEEL	2.5" SQ.	12'						
14	W16-7PR	DIAGONAL DOWNWARD ARROW	30+52 29' RT	30"	18"	III or IV	STANDARD									MOUNT BELOW SIGN NO. 13
15	R9-7P	SHARED USE PATH	33+10 56' RT	12"	18"	III or IV	SEE REMARKS	STEEL	2.5" SQ.	12'						SEE SHEET SD1 FOR SIGN DETAIL
16	W11-2	PEDESTRIAN CROSSING	32+67 25' LT	36"	36"	III or IV	STANDARD	STEEL	2.5" SQ.	12'						
17	W16-9P	AHEAD	32+67 25' LT	30"	18"	III or IV	STANDARD									MOUNT BELOW SIGN NO. 16
18	R3-7R	RIGHT LANE MUST TURN RIGHT	31+63 36' LT	30"	30"	III or IV	STANDARD	STEEL	2.5" SQ.	10'						
19	W11-2	PEDESTRIAN CROSSING	30+82 53' LT	36"	36"	III or IV	STANDARD	LUM POLE	N/A							
20	W16-7PL	DIAGONAL DOWNWARD ARROW	30+82 53' LT	30"	18"	III or IV	STANDARD									MOUNT BELOW SIGN NO. 19
21	R1-1	STOP	29+91 76' LT	36"	36"	III or IV	STANDARD	STEEL	2.5" SQ.	12'						
22	D3-102	NE 166TH AVE	29+91 76' LT	54"	9"	III or IV	SEE REMARKS									SEE SHEET SD1 FOR DETAIL. MOUNT ABOVE SIGN NO. 21
22A	D3-102	NE 166TH AVE	29+91 76' LT	54"	9"	III or IV	SEE REMARKS									SEE SHEET SD1 FOR DETAIL. MOUNT ABOVE SIGN NO. 21
23	R9-3A	NO PED SYMBOL	29+55 51' LT	24"	24"	III or IV	STANDARD	LUM POLE	N/A							MOUNT ON EXISTING LUMINAIRE
24	R9-3BR	USE CROSSWALK RIGHT	29+55 51' LT	18"	12"	III or IV	STANDARD									MOUNT BELOW SIGN NO. 23

**CONSTRUCTION NOTES:**

POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION.

FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES "G".

FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.

ALL STATIONING IS INFORMATIONAL ONLY. SIGNS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION

PRECAST BASE FOUNDATIONS SHALL NOT BE USED

ALL SIGNS 36" AND WIDER SHALL BE BRACED IN ACCORDANCE WITH STD. PLAN G-50.10

REFER TO STANDARD PLAN G-20.10 FOR V AND W VALUES

ANY SIGNS ON PEDESTRIAN PATHWAY SHALL HAVE A MINIMUM 'V' VALUE OF 7'

ST. 4 SIGN SUPPORTS REQUIRED FOR ALL SINGLE SQUARE POST INSTALLATION. SEE G-24.50  
CONTRACTOR SHALL MOVE SIGN(S) AHEAD OR BACK ON STATION TO AVOID SIGN OBSTRUCTIONS

CONTRACTOR SHALL MOVE SIGN(S) AHEAD OR BACK ON STATION TO AVOID SIGN OBSTRUCTIONS

FILE NAMEG:\Traffic\TRAFFIC DESIGN\01-ACTIVE DESIGN FILES\XL6474 - SR 500, Safe Route to School\CAADD\Sheet Files\XL6474_PS_SG.dgn										<div><div></div><div>Washington State Department of Transportation</div></div>		<div>SR 500/NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL</div>		Plot 5			
TIME8:14:39 AM						REGION NO.		STATE						FED.AID PROJ.NO. SRTS-0500(030)		PLAN REF NO	
DATE11/28/2022						10		WASH								SN1	
PLOTTED BYFuestM								JOB NUMBER								SHEET 55 OF 63 SHEETS	
DESIGNED BYM. FUEST								22X342									
ENTERED BYM. FUEST								CONTRACT NO.									
CHECKED BYD. BURKEY								LOCATION NO.		SIGN INSTALLATION SPECIFICATIONS							
PROJ. ENGR.S. LANGER																	
REGIONAL ADM.C. FRANCIS																	
		REVISION		DATE		BY											

DATE	
P.E. STAMP BOX	


DATE	
P.E. STAMP BOX	

SIGN RELOCATION SPECIFICATIONS															
SIGN NO.	SIGN CODE	SIGN DESCRIPTION	EXIST. STA. LOC. (or MP)	NEW STA. LOC. (or MP)	SIGN SIZE		POST MATERIAL	POST SIZE	POST LENGTH				CLEARANCE		REMARKS
					X	Y			H1	H2	H3	H4	V	W	
1	R2-1	SPEED LIMIT 40 MPH	22+88 47' RT	23+23 49' RT	30"	36"	LUM POLE	N/A	N/A						RELOCATE TO NEW LUMINAIRE

SIGN REMOVAL SPECIFICATIONS									
SIGN NO.	SIGN CODE	SIGN DESCRIPTION	STA. LOC. (or MP)	SIGN SIZE		POST MATERIAL	POST SIZE	# OF POSTS	REMARKS
				X	Y				
1	W4-2L	PAVEMENT WIDTH TRANSITION LEFT	21+89 42' RT	36"	36"	STEEL	2.5" SQ.	1	
2	M1-701	STATE ROUTE 500 DIRECTIONAL	25+09 42' RT	24"	36"	LUM POLE	N/A	0	
3	R1-1	STOP	29+93 77' LT	30"	30"	STEEL	2.5" SQ.	1	

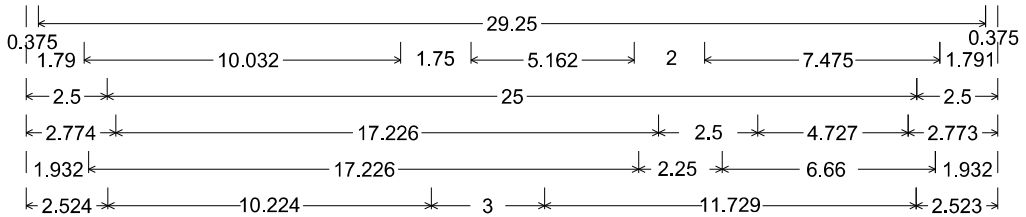
CONSTRUCTION NOTES:

POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION.  
FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES "G".  
FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.  
CONTRACTOR SHALL STORE AND PROTECT RELOCATED SIGN FROM DAMAGE. ANY SIGN LOST, STOLEN, OR DAMAGED SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE

FILE NAMEG:\Traffic\TRAFFIC DESIGN\01-ACTIVE DESIGN FILES\XL6474 - SR 500, Safe Route to School\CADD\Sheet Files\XL6474_PS_SG.dgn																SR 500/NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL		Plot 13	
TIME8:14:49 AM									REGION NO.10		STATEWASH		FED.AID PROJ.NO. SRTS-0500(030)				PLAN REF NOSN2		
DATE11/28/2022																			
PLOTTED BYFuestM									JOB NUMBER22X342				LOCATION NO.				SHEET 56 OF 63 SHEETS		
DESIGNED BYM. FUEST									CONTRACT NO.										
ENTERED BYM. FUEST																			
CHECKED BYD. BURKEY																			
PROJ. ENGR.S. LANGER																			
REGIONAL ADM.C. FRANCIS		REVISION			DATE		BY										SIGN SPECIFICATION SHEET		
										DATE		DATE							
										P.E. STAMP BOX		P.E. STAMP BOX							

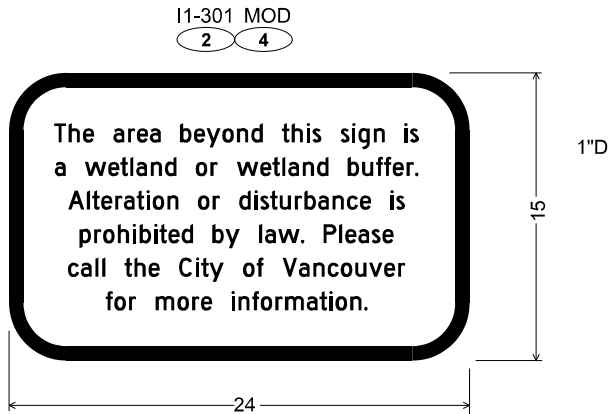
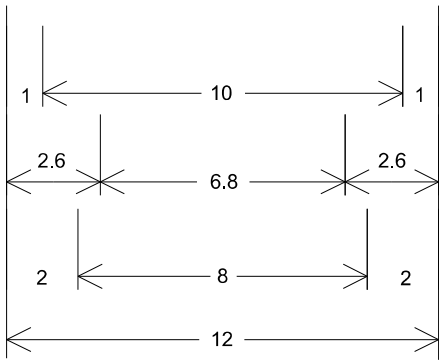
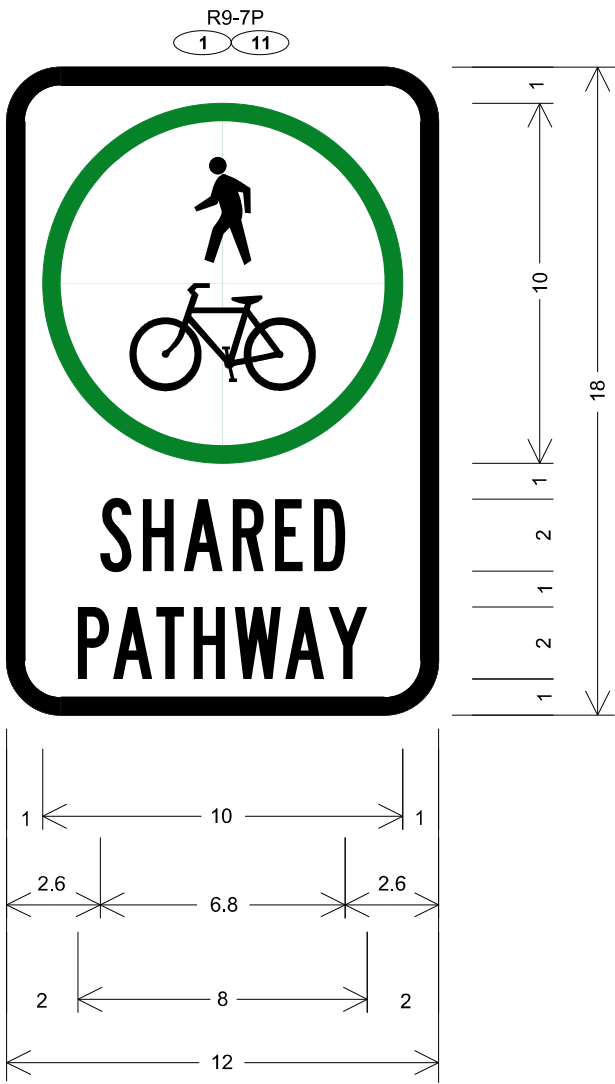




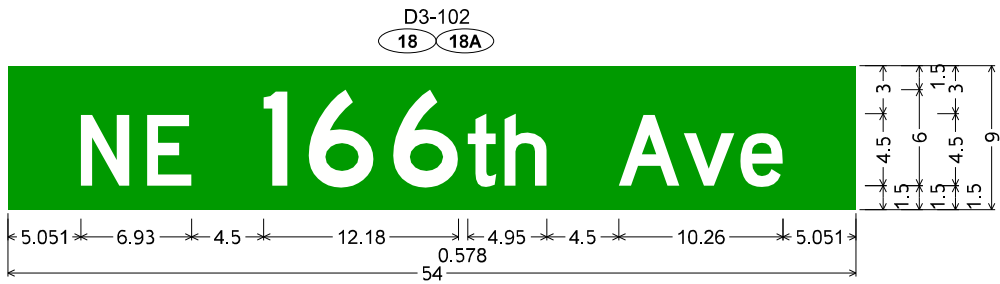


1.875" Radius, 0.625" Border, 0.375" Indent, Black on Yellow;  
"CROSSWALK", C 2K specified length;

1.875" Radius, 0.625" Border, 0.375" Indent, Black on White;  
"STOP ON RED", C 2K specified length; "PROCEED ON", C 2K specified length;  
"FLASHING RED", C 2K specified length; "WHEN CLEAR", C 2K specified length;



3.000" Radius, 0.750" Border, Black on White;

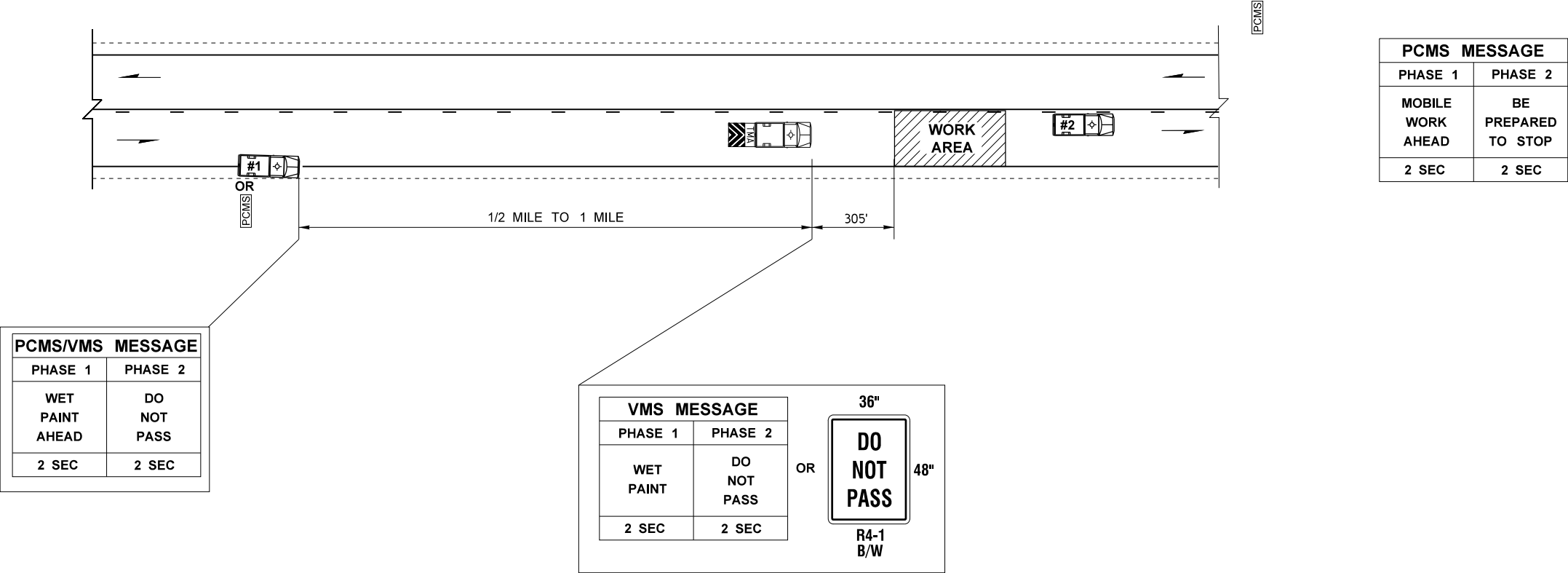


No border, White on Green;  
"NE 166th Ave " White, D 2K;

FILE NAME G:\Traffic\TRAFFIC DESIGN\01-ACTIVE DESIGN FILES\XL6474 - SR 500, Safe Route to School\CADD\Sheet Files\XL6474_PS_SG.dgn										Plot 15	
TIME	8:20:40 AM					REGION NO.	STATE	FED.AID PROJ.NO. SRTS-0500(030)		PLAN REF NO SD1	
DATE	11/28/2022					10	WASH				
PLOTTED BY	FuestM					JOB NUMBER					
DESIGNED BY	M. FUEST					22X342					
ENTERED BY	M. FUEST					CONTRACT NO.				SHEET 58 OF 63 SHEETS	
CHECKED BY	D. BURKEY					LOCATION NO.					
PROJ. ENGR.	S. LANGER										
REGIONAL ADM.	C. FRANCIS	REVISION		DATE	BY					SIGN DETAILS	

1. ALL SIGNS ARE BLACK ON ORANGE UNLESS NOTED OTHERWISE.
2. EXTENDING THE CHANNELIZING DEVICE TAPER ACROSS SHOULDER IS RECOMMENDED.
3. 20' CHANNELIZATION DEVICE SPACING
4. SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS.

FILE NAME		G:\44430105-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\9_XL6474_PS_TC.dgn										Plot 1	
TIME	7:11:14 AM					REGION NO.	STATE	FED.AID PROJ.NO. SRTS-0500(030)				PLAN REF NO	
DATE	11/29/2022					10	WASH					TC1	
PLOTTED BY	prendet					JOB NUMBER		LOCATION NO.  XL6474				SHEET 59 OF 63 SHEETS	
DESIGNED BY	T. PRENDERGAST					22X342							
ENTERED BY	T. PRENDERGAST					CONTRACT NO.		SEE SHEET CT1 DATE				TRAFFIC CONTROL PLANS	
CHECKED BY	A. ROMANCHOCK												
PROJ. ENGR.	S. FELL							DATE					
REGIONAL ADM.	C. FRANCIS												



**LEGEND**

- CLASS B SIGN - TRIPOD MOUNT
- TALL CHANNELIZING DEVICES
- TRANSPORTABLE ATTENUATOR
- PORTABLE MESSAGE BOARD
- PROTECTIVE VEHICLE

**NOTES**

- PROTECTIVE VEHICLE #2 IS NOT REQUIRED IF WORK IS BEING PREFORMED FROM INSIDE A VEHICLE.
- TRANSPORTABLE ATTENUATOR MAY BE SUBSTITUTED WITH PROTECTIVE VEHICLE.
- PCMS BOARDS ARE TO BE SET UP 1 MILE +/- FROM DAILY WORK ZONE.
- PCMS AND VMS MESSAGES MAY BE REVISED BY THE ENGINEER.
- SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.

**MOBILE OPERATION (PAINTLINE)**

NOT TO SCALE

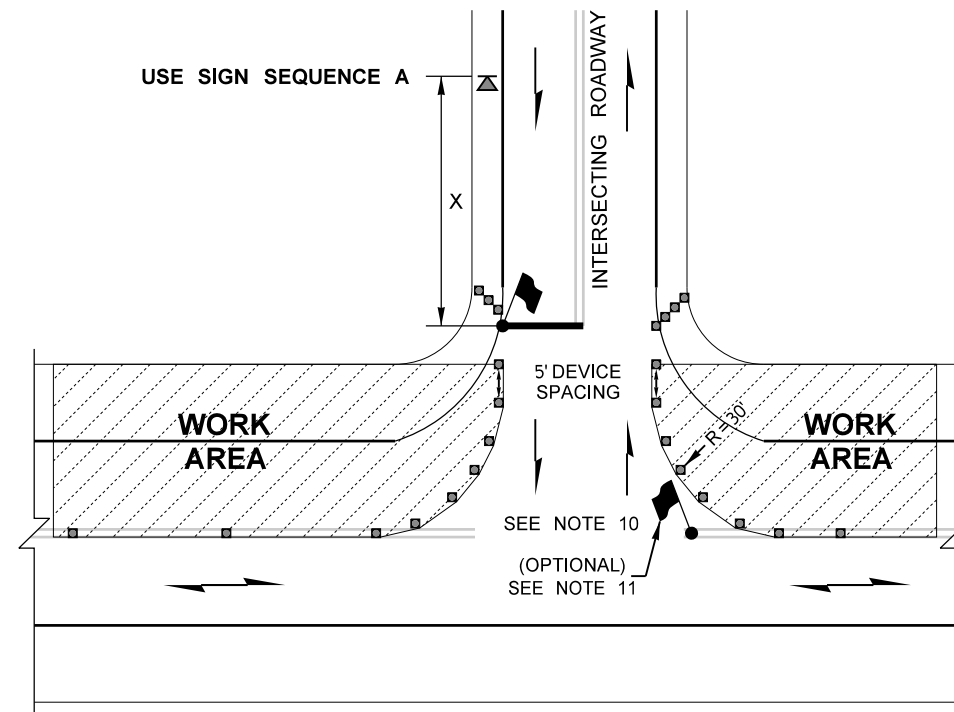
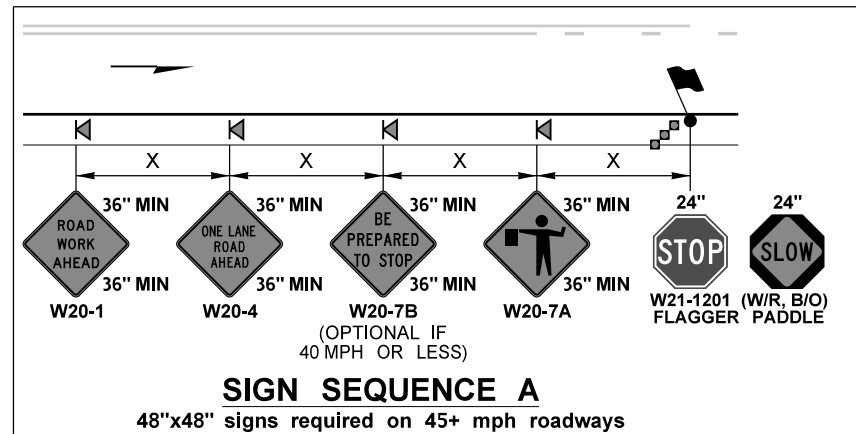
FILE NAME G:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\9_XL6474_PS_TC.dgn										Plot 2	
TIME 7:11:21 AM					REGION NO. 10	STATE WASH	FED.AID PROJ.NO. SRTS-0500(030)		SEE SHEET CT1 DATE		PLAN REF NO TC2
DATE 11/29/2022					JOB NUMBER 22X342						SHEET 60 OF 63 SHEETS
PLOTTED BY prendet					CONTRACT NO.	LOCATION NO. XL6474	DATE		DATE		TRAFFIC CONTROL PLANS
DESIGNED BY T. PRENDERGAST											
ENTERED BY T. PRENDERGAST							DATE		DATE		TRAFFIC CONTROL PLANS
CHECKED BY A. ROMANCHOCK											
PROJ. ENGR. S. FELL							DATE		DATE		TRAFFIC CONTROL PLANS
REGIONAL ADM. C. FRANCIS	REVISION	DATE	BY								



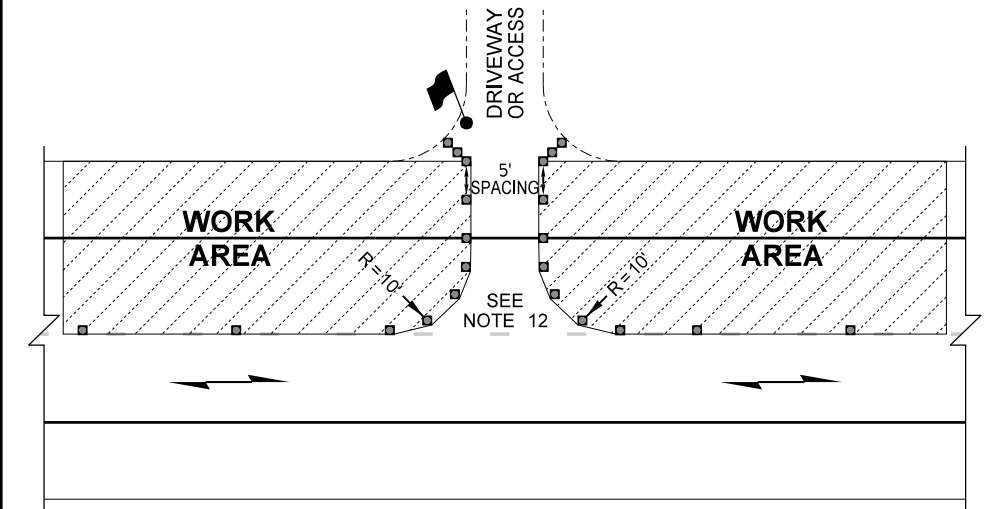
9. FOR LEGEND, TABLES, AND ADDITIONAL NOTES: SEE TC320, SHEET 1.

11. SINGLE FLAGGER MAY BE ADDED TO THE INTERSECTING ROADWAY APPROACH TO HELP GUIDE ALTERNATING TRAFFIC THROUGH INTERSECTION.

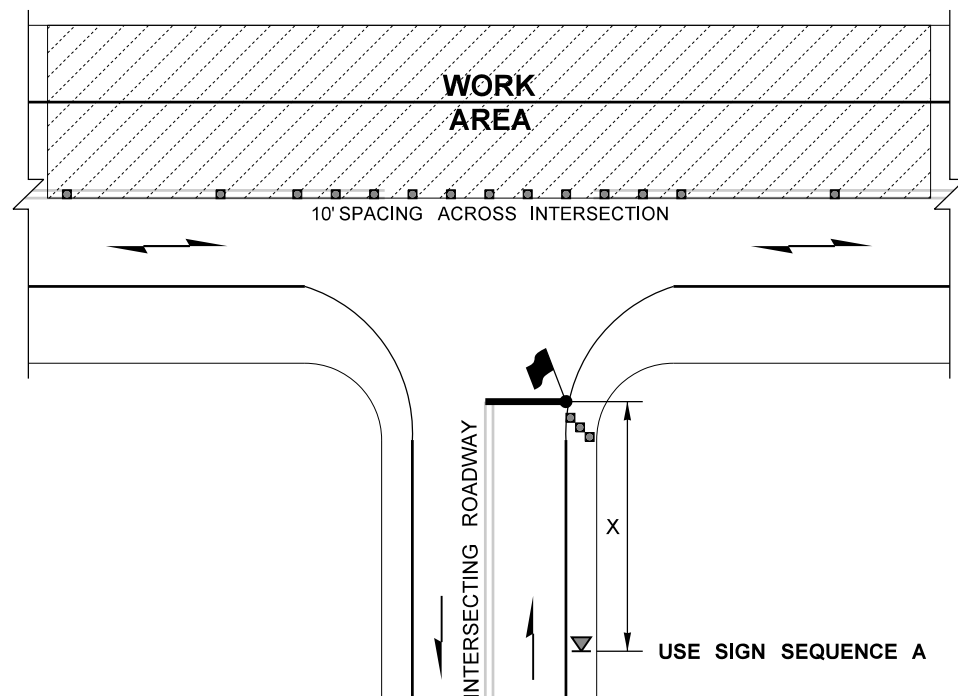
13. PAVEMENT MARKINGS MAY VARY.



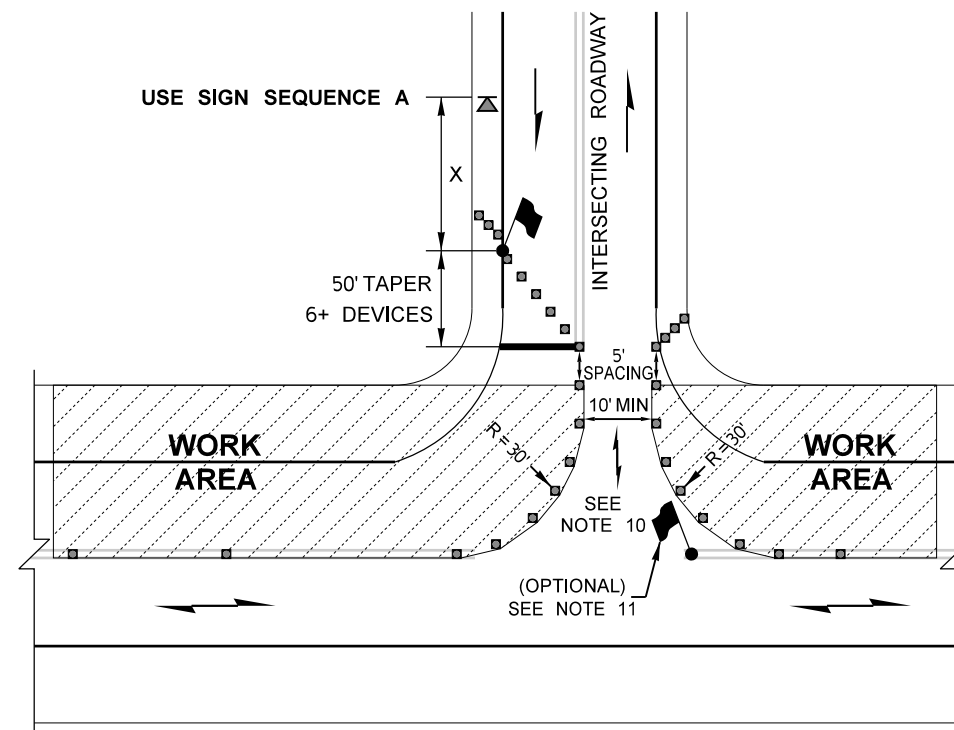
### UNSIGNALIZED INTERSECTING ROADWAY DETAIL SAME SIDE AS LANE CLOSURE (TWO OPEN LANES)



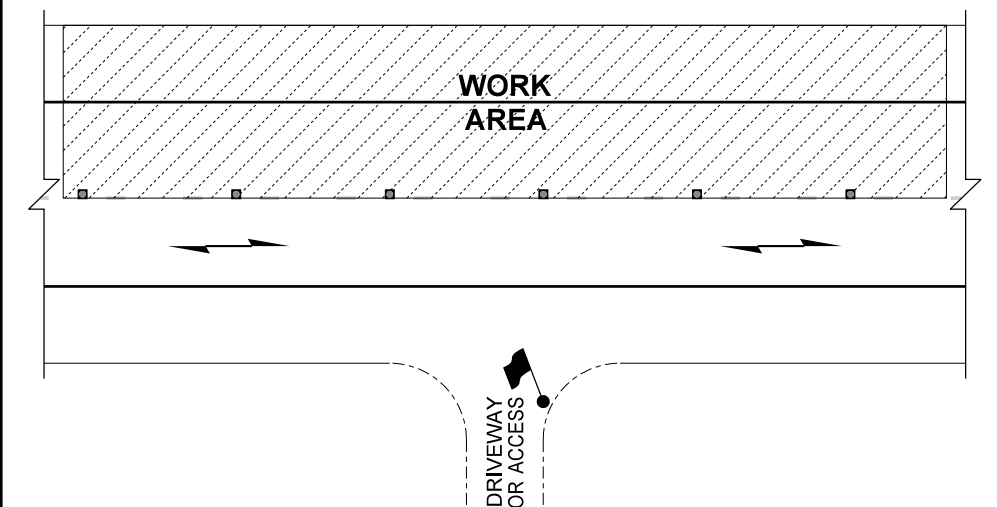
**DRIVEWAY OR BUSINESS ACCESS DETAIL**  
**SAME SIDE AS LANE CLOSURE**



### UNSIGNALIZED INTERSECTING ROADWAY DETAIL OPPOSITE OF LANE CLOSURE



**UNSIGNALIZED INTERSECTING ROADWAY DETAIL  
SAME SIDE AS LANE CLOSURE (SINGLE OPEN LANE)**



**DRIVEWAY OR BUSINESS ACCESS DETAIL**  
**OPPOSITE OF LANE CLOSURE**

**NOT TO SCALE**

[illegible]

NO  
PARKING

R8-3

24" x 30"

R/W

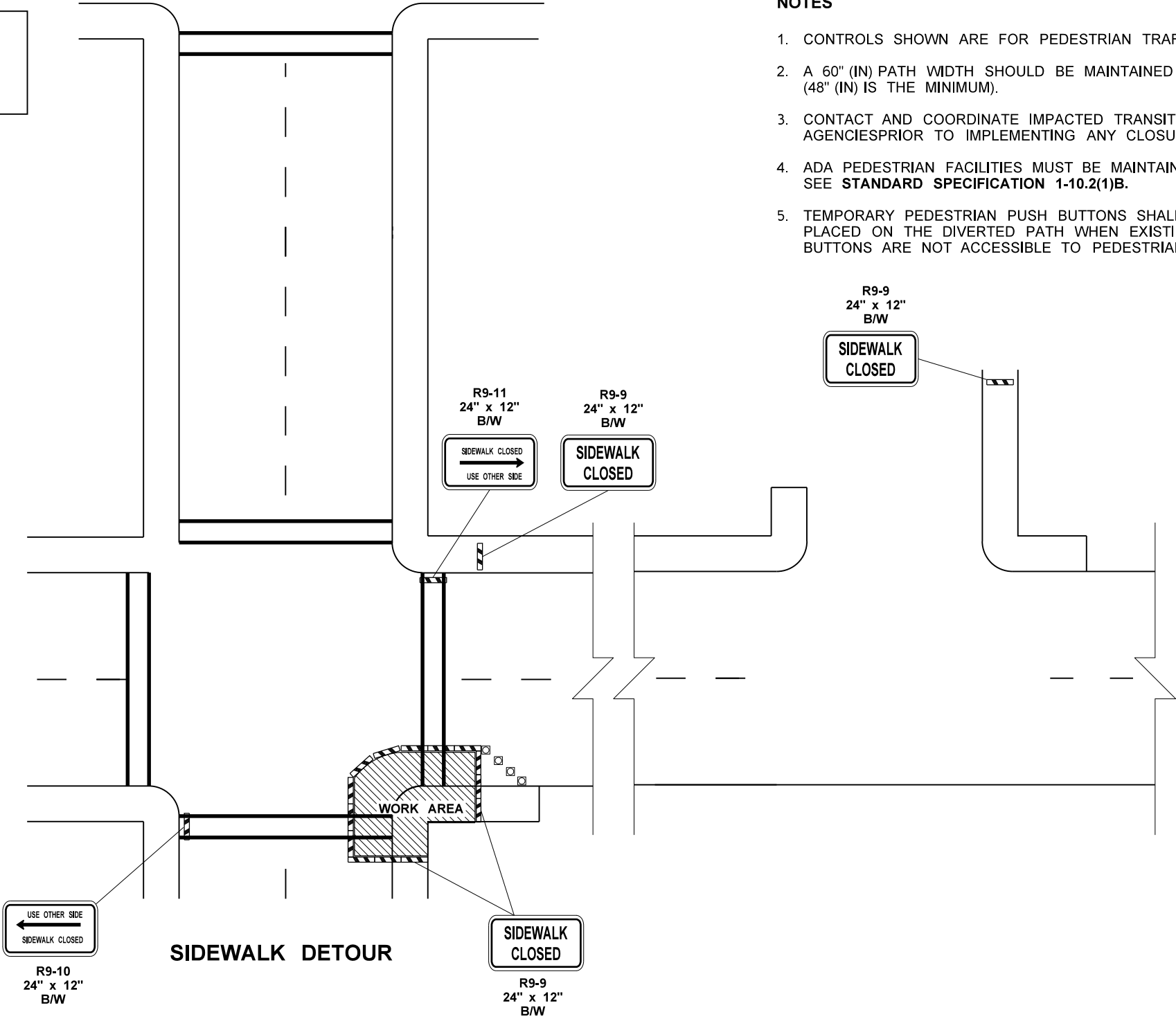
INSTALL ON TYPE 2 BARRICADES THROUGHOUT THE WORK AREA

24 HOURS PRIOR TO IMPLEMENTING TRAFFIC CONTROL.

PRIOR NOTIFICATION OF LOCAL LAW ENFORCEMENT REQUIRED.

NOTES

1. CONTROLS SHOWN ARE FOR PEDESTRIAN TRAFFIC ONLY.
2. A 60" (IN) PATH WIDTH SHOULD BE MAINTAINED (48" (IN) IS THE MINIMUM).
3. CONTACT AND COORDINATE IMPACTED TRANSIT AGENCIESPRIOR TO IMPLEMENTING ANY CLOSURES.
4. ADA PEDESTRIAN FACILITIES MUST BE MAINTAINED. SEE **STANDARD SPECIFICATION 1-10.2(1)B**.
5. TEMPORARY PEDESTRIAN PUSH BUTTONS SHALL BE PLACED ON THE DIVERTED PATH WHEN EXISTING BUTTONS ARE NOT ACCESSIBLE TO PEDESTRIANS.





LEGEND

- TEMPORARY SIGN LOCATION
- CHANNELIZING DEVICES
- PEDESTRIAN CHANNELIZING DEVICES
- TEMPORARY PEDESTRIAN RAMP FOR SIDEWALKS

INTERSECTION PEDESTRIAN TRAFFIC CONTROL

NOT TO SCALE

FILE NAMEG:\444301\05-Design\02-Projects\SR 500 Pathway and Ped Signal_ 162nd ave to 166th ave\1-CADD-Plans\PS&E Sheets\9_XL6474_PS_TC.dgn																SR 500/ NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL		Plot 5	
TIME7:11:44 AM					REGION NO.10	STATEWASH	FED.AID PROJ.NO. SRTS-0500(030)							PLAN REF NO TC5					
DATE11/29/2022					JOB NUMBER22X342											SHEET 63 OF 63 SHEETS			
PLOTTED BYprendet					CONTRACT NO.	LOCATION NO. XL6474	<div>SEE SHEET CT1 DATE</div> <div>P.E. STAMP BOX</div>			<div>DATE</div> <div>P.E. STAMP BOX</div>					SR 500/ NE FOURTH PLAIN BLVD NE 162ND AVE TO NE 166TH AVE SAFE ROUTE TO SCHOOL		PEDESTRIAN TRAFFIC CONTROL PLAN		
DESIGNED BYT. PRENDERGAST																			
ENTERED BYT. PRENDERGAST																			
CHECKED BYA. ROMANCHOCK																			
PROJ. ENGR.S. FELL																			
REGIONAL ADM.C. FRANCIS					REVISION	DATE	BY												